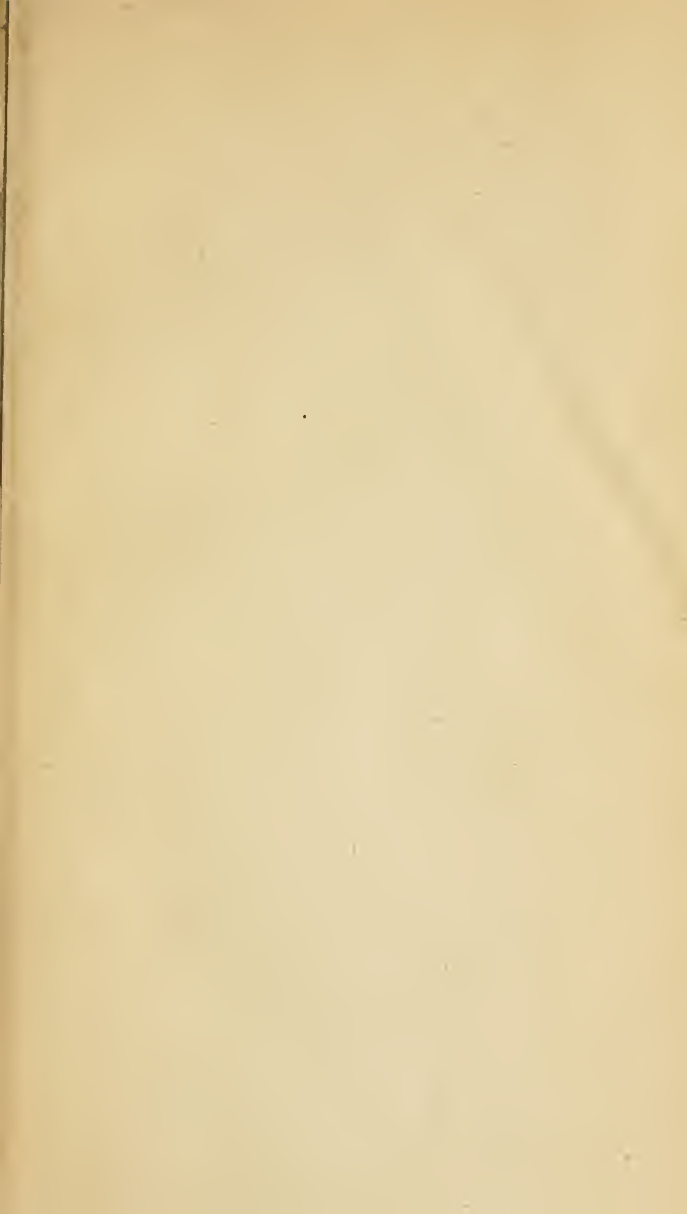




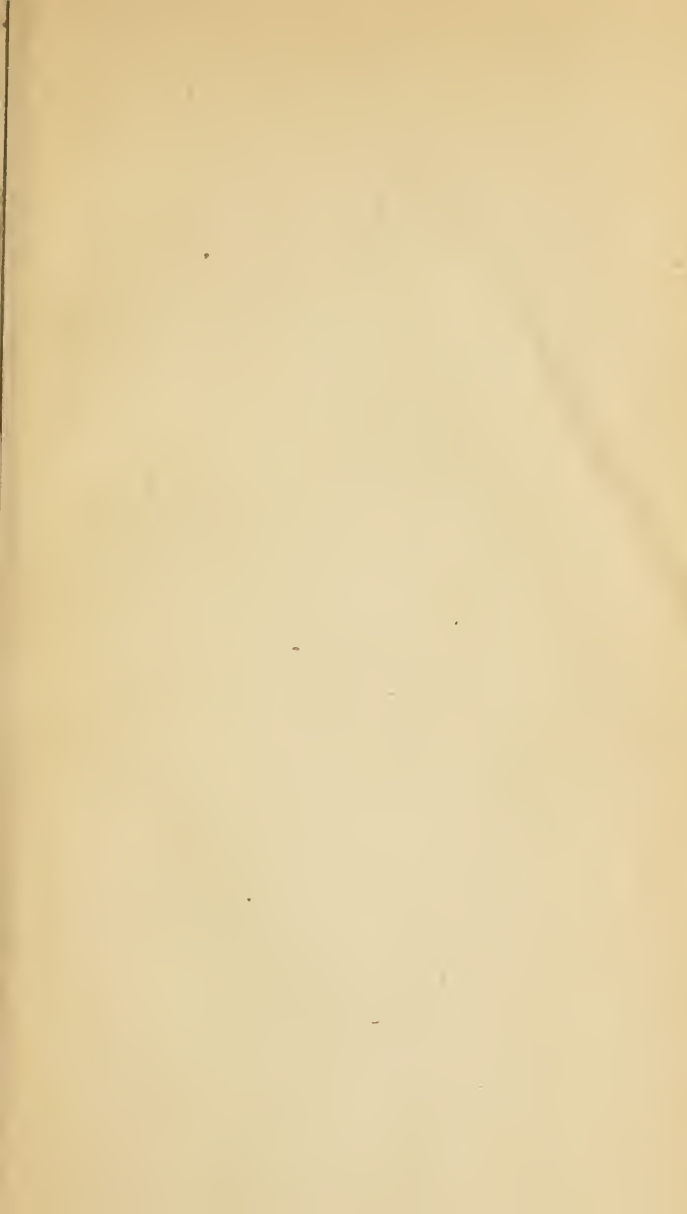
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LIST
OF THE
SPECIMENS
OF
DIPTEROUS INSECTS
IN
THE COLLECTION
OF THE
BRITISH MUSEUM.

—
PART VI.

SUPPLEMENT II.

Agreeance with the Trustees

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LONDON, 1854.



LONDON :

PRINTED BY EDWARD NEWMAN,
9, DEVONSHIRE ST., BISHOPSGATE.

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pt. 6

INTRODUCTION.

THE principal object of the present Catalogue has been to give a complete list of the specimens of Dipterous Insects contained in the collection of the British Museum, indicating at the same time the peculiarities of each, as regards variations of character, locality, and the source from whence it has been derived. With this view, the different individuals of each species contained in the collection are indicated by the letters *a*, *b*, *c*, &c., following the name of the species and its synonyms, and the description, if it appeared to have been before undescribed.

The Catalogue of Dipterous Insects has been prepared and the new species described by Mr. FRANCIS WALKER, F.L.S., so well known for his attention to this order of Insects.

This part contains a revision of the family *Acroceridæ* and part of the family *Asilidæ*, with a description of the species added since the former parts were printed.

JOHN EDWARD GRAY.

British Museum,

December, 1854.



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LIST OF DIPTERA.

SECOND SERIES.

PART II.

Fam. 4. ACROCERIDÆ.

Corpus latum, globosum. Caput oculis exceptis minimum. Ocelli tres. Antennæ triarticulatæ, brevissime stylatæ. Alæ latæ. Halteres alulis sæpissime obtectæ. Abdomen magnum, segmentis quinque. Pedes simplices.

Acroceridæ, *Leach, Samouelle's Compendium; Curt.; Steph.; Westw.*

Acrocerides, *Leach, Edinb. Encycl.*

Bombyliarii, p., *Lam.*

Aplocera, p., *Dumeril.*

Inflatæ, *Latr.; Wied.*

Inflata, *Meig.; Gimm.*

Stratiomydæ, p., *Fall.*

Vesiculosa, *Macq.*

Asiphoniæ, p., *Rafinesque.*

Cyrtites, *Newman.*

Ogcodini, *Rondani.*

Inflata (Henopii), *Agassiz.*

Acrocerinæ, *Zett.*

Henopii, *Erichson.*

Cyrtidii, *Bigot.*

A. Proboscis longa.

A. Antennæ triarticulatæ.

a. Antennæ vertice insertæ. - - - - 1. Panops.

b. Antennæ fronte insertæ.

a. Alarum costa non angulata. - - - 2. Lasia.

b. Alarum costa angulata. - - - 3. Pteropexus.

B. Antennæ biarticulatæ.

a. Antennæ vertice insertæ.

a. Vena subcostalis alæ dimidio longior. - 4. Cyrtus.

b. Vena subcostalis alæ dimidio brevior. - 5. Exetasis.

b. Antennæ fronte insertæ.

a. Prothoracis lobi dorsales remoti. - - 6. Psilodera.

b. Prothoracis lobi dorsales contigui.

i. Oculi sub antennis contigui. - - - 7. Thyllis.

ii. Oculi sub antennis divergentes. - - 8. Philopota.

B. Proboscis brevis. Alulæ maximæ.

A. Antennæ triarticulatæ.

a. Antennæ vertice insertæ.

a. Corpus vix villosum. - - - - 9. Oenæa.

b. Corpus valde villosum. - - - 10. Eriosoma.

b. Antennæ fronte insertæ.

a. Antennæ articulis basalibus disjunctis. 11. Astomella.

b. Antennæ articulis basalibus connatis. - 12. Pialea.

c. Antennæ capitis basi insertæ. - - 13. Physegaster.

B. Antennæ biarticulatæ.

a. Arista nulla. - - - - 14. Pterodontia.

b. Arista distincta.

a. Antennæ vertice insertæ. - - - 15. Acrocera.

b. Antennæ fronte insertæ. - - - 16. Terphis.

C. Proboscis nulla. Os clausum. - - - 17. Henops.

D. Proboscis brevis. Alulæ minimæ. - - 18. Sphærogaster.

Genus 1. PANOPS.

Oculi sub antennarum basi contigui. Ocelli tres. Proboscis longa. Antennæ triarticulatæ, vertice insertæ. Prothoracis lobi dorsales remoti.

Panops, *Lamarck, Ann. Mus. d'Hist. Nat.* iii. 263; *Latr. Encycl.* viii. 707; *Dict. d'Hist. Nat.* xxiv. 467; *Gen. Crust. et Ins.* iv. 316; *Oliv.*; *Wied.*; *Macq.*; *Erichs.*

Mesophysa, *Macq.*

1. PANOPS BAUDINI.

Niger; antennæ concolores; abdominis segmenta 2um et 3um macula utrinque laterali flavescente; femora tibiæque apice albida; alæ subinfuscatæ, venis nigris.

Panops Baudini, *Lam. Ann. Mus. d'Hist. Nat.* iii. 266, pl. 22, f. 3; *Latr. Gen. Crust. et Ins.* iv. 316; *Enc. Méth.* viii. 710, 1; *Dict. d'Hist. Nat.* xxiv. 467. *Wied. Auss. Zweifl.* ii. 19, 2. *Macq. Hist. Nat. Dipt.* i. 365, 2. *Erichs. Entomogr.* i. 141, 1.

Mesophysa marginata, *Macq. Dipt. Exot.* i. 2, 168, 2.

New Holland.

2. PANOPS FLAVIPES.

Æneo-niger; ocelli tuberculo insertæ; antennæ basi, tibiæ tarsi-que flavida; alæ inauratæ, alulis albidis.

Panops flavipes, *Latr. Enc. Méth.* viii. 710, 2; *Dict. d'Hist. Nat.* xxiv. 467; *Cuv. Règn. Anim.* iii. *Wied. Auss. Zweifl.* ii. 649. *Erichs. Entomogr.* i. 141, 2.

Mesophysa scapularis, *Macq. Dipt. Exot.* i. 2, 167, 1.

New Holland.

Genus 2. LASIA.

Oculi villosi, super antennarum basim contigui. Ocelli tres. Proboscis longa. Antennæ triarticulatæ, fronte insertæ. Prothoracis lobi dorsales remoti.

Lasia, *Wied. Anal. Ent.* ii.; *Auss. Zweifl.* i. 329; *Perty*; *Erichs.*; *Westw.*

Panops, p., *Wied.*; *Macq.*

Subcostal vein ending at much before two-thirds of the length of the wing; mediastinal ending at a little beyond five-sixths of the length; radial ending at a little beyond the mediastinal; the two branches of the cubital curved forward from the hinder part of the wing, and ending at some distance in front of the tip: three externo-medial veins; first running very near the cubital, and connected with it at the fork of the latter, extending like the third to the border of the wing; second not extending to the border, connected with the first and with the second by two transverse veinlets; subanal vein joining the anal at some distance from the border of the wing.

1. LASIA FLAVITARSIS.

Cyanea, cano hirta ; proboscis, antennæ pedesque nigra ; proboscis corpore longior ; tarsi subtus rufo pubescentes ; alæ subcinereæ, venis nigris.

Panops flavitarsis, Wied. ; *Macq. Dipt. Exot.* i. 2, 166.

Lasia splendens, Wied. *Anal. Ent.* ii. f. 3 ; *Auss. Zweifl.* i. 330, 1, pl. 4, f. 3. *Erichs. Entomogr.* 144, 4.

Lasia flavitarsis, *Erichs. Entomogr.* i. 143, 1.

a. Santarem, Brazil. From Mr. Bates' collection.

b, c. Rio Tapayos, Brazil. From Mr. Bates' collection.

2. LASIA CORVINA.

Nigra, nitida ; thorax nigro hirtus ; alæ hyalinæ, costa nigra ; alulæ nigricantes.

Lasia corvina, *Erichs. Entomogr.* i. 143, 2.

Chili.

3. LASIA OCELLIGERA.

Ænea ; flavido hirta, proboscis testacea ; antennæ nigræ, basi flavæ ; tibiæ tarsique flavida ; alæ hyalinæ, costa testacea.

Panops ocelliger, Wied. *Auss. Zweifl.* ii. 19, 3. *Macq. Dipt. Exot.* i. 2, 166, pl. 14, f. 1. *Guér. Icon. Règn. Anim. Ins.* pl. 94, f. 9.

Lasia ocelligera, *Erichs. Entomogr.* i. 143, pl. 94, f. 9.

Cassapawa, Brazil.

4. LASIA AURICOMA.

Cæruleo-viridis, nitida ; thoracis dorsum cupreum ; abdominis segmenta apicalia aureo pilosa ; pedes nigri, tarsis luteis.

Lasia auricoma, Westw. *Trans. Ent. Soc. Lond.* v. 93.

Brazil.

5. LASIA RUFIPES.

Æneus; thorax et abdomen valde luteo pilosa, pedes alarumque venæ costales testaceæ.

Lasia rufipes, Westw. *Trans. Ent. Soc. Lond.* v. 92.
Brazil.

Genus 3. PTEROPEXUS.

Frons linearis. Oculi villosi. Proboscis longa. Palpi brevissimi. Antennæ capitis antici medio insertæ, articulo 1o subconico, 2o cyathiformi, 3o longo angusto. Alarum costa apicem versus angulata.

Pteropex, Macq. *Dipt. Exot. Suppl.* 1, 97.

Subcostal vein ending before half the length of the wing; mediastinal ending at much beyond three-fourths of the length. Radial ending at a little in front of the tip. Cubital simple, ending at a little behind the tip. First, second, and fourth externo-medial veins complete; third abbreviated. Subanal vein joining the anal near the border. Discal areolet elongate, tetragonal.

1. PTEROPEXUS BICOLOR.

Mas. *Viridis*; facies antennæque nigræ; abdomen violaceum; pedes fulvi; alæ subfusæ.

Pteropex *bicolor*, Macq. *Dipt. Exot. Suppl.* 1, 98, 1, pl. f. 2.
New Grenada.

Genus 4. CYRTUS.

Oculi pubescentes, sub antennarum basi contigui. Ocelli tres. Proboscis longa. Antennæ biarticulatæ, vertice insertæ. Prothoracis lobi dorsales remoti.

Cyrtus, Latr. *Precis.* 151; Meig.; Wied.; Macq.; Erichs.
Acrocera, p., Fabr. *Syst. Antl.* 332.
Henops, p., Illig. *Käf. Preuss.* 500.

Costal vein ending at a little in front of the tip of the wing; subcostal vein ending at much beyond half the length; mediastinal ending at beyond five-sixths of the length; radial nearly straight, ending at a little beyond the mediastinal; first branch of the cubital ending in front of the tip of the wing; second branch ending at much behind the tip; three externo-medial veins extending to the border of the wing; subanal vein joining the anal at some distance from the border; discal areolet tetragonal, very long and narrow.

Europe.

1. CYRTUS GIBBUS.

Nigro flavoque varius; abdomen subtus flavum, trifariam nigro maculatum; pedes flavi; alæ fuscae.

Acrocera gibba, Fabr.

Cyrtus acephalus, Duméril, Cons. Gen. Ins. pl. 48, f. 7.

Cyrtus gibbus, Erichs. Entomogr. 147, 1.

2. CYRTUS PUSILLUS.

Niger; thorax flavo maculatus; abdomen fasciis latis sinuatis interruptis flavis, subtus flavum trifariam nigro maculatum; pedes flavi; alæ fuscae.

Cyrtus pusillus, Macq. Hist. Nat. Dipt. i. 366, 2. Meig. Zweifl. vii. 101, 2. Erichs. Entomogr. 148, 2.

Cyrtus gibbus, Var. ?

South France.

North America.

3. CYRTUS MAGNUS.

Cyrtus magnus, Cat. of Diptera, Pt. 3, 511.

Africa.

4. CYRTUS DENTATUS.

Fœm. Niger; thoracis latera flavo maculata; abdomen fasciis interruptis emarginatisque flavis; pedes flavi; alæ fuscæ.

Cyrtus dentatus, *Macq. Dipt. Exot.* i. 2, 168, 1, pl. 14, f. 3.

Erichs. Entomogr. 148, 3.

Cyrtus gibbus, Var. ?

Algiers.

Genus 5. EXETASIS.

Antennæ triarticulatæ, capite paullo longiores; articulus 1us brevis, 2us adhuc brevior; 3us longissimus, linearis.

Exetasis, *Diptera Saundersiana*, Pt. 3, 202.

Subcostal vein ending before half the length of the wing; radial ending at beyond three-fourths of the length; cubital forked near its base, the first fork ending a little before, and the second a little behind, the tip of the wing; first, second and fourth externo-medial veins complete; third abbreviated; subanal and anal veins united on the border.

1. EXETASIS TUMENS.

Exetasis tumens, *Diptera Saundersiana*, Pt. 3, 203.

Brazil.

Genus 6. PSILODERA.

Oculi glabri, super antennarum basim contigui. Ocelli tres, minimi. Proboscis longa. Antennæ biarticulatæ, fronte insertæ. Prothoracis lobi dorsales remoti.

Psilodera, *G. R. Gray, Griff. Anim. Kingd. Ins.* xv. 779;

Erichs.

Cyrtus, p., *Wied.*

Mesocera, *Macq.*

Wings transversely rugulose: subcostal vein ending at a little beyond half the length of the wing; mediastinal ending at beyond five-sixths of the length; radial curved towards the disk, ending at a little beyond the mediastinal; branches of the cubital curved towards the hind border, and ending at a little in front of the tip of the wing: three externo-medial veins; subanal vein joining the anal at some distance from the border.

1. PSILODERA VALIDA.

Ænea ; thorax flavido hirtus, humeris, lateribus punctisque duobus ante scutellum sulphureis ; abdomen rufum, incisuris flavis ; pedes sulphurei, tibiis antieis apice subtus nigris ; alæ hyalinae.

Cyrtus validus, Wied. Auss. Zweifl. ii. 131.

Mesocera flavicornis, Macq. Dipt. Exot. i. 2, 174, 1.

Psilodera valida, Erichs. Entomogr. 145, 1.

South Africa.

2. PSILODERA BIPUNCTATA.

Nigra ; thorax humeris, lateribus punctisque binis ante scutellum sulphureis ; abdomen ferruginosum, sulphureo fasciatum ; alæ limpidae.

Cyrtus bipunctatus, Wied. Zool. Mag. iii. 15, 20 ; Auss. Zweifl. ii. 14, 3, pl. 7, f. 1.

Psilodera bipunctata, Erichs. Entomogr. 145, 2.

Cape.

3. PSILODERA FASCIATA.

Nigra ; thorax cinereo hirtus ; abdomen albido fasciatum ; pedes sulphurei ; alæ flavescens.

Cyrtus fasciatus, Wied. Zool. Mag. iii. 14, 19 ; Auss. Zweifl. ii. 14, 2.

Psilodera capensis, G. R. Gray, Griff. Anim. Kingd. Ins. xv. 779, pl. 128, f. 4. Westw. Trans. Ent. Soc. Lond. v. 92.

Psilodera fasciata, Erichs. Entomogr. 146, 3.

4. PSILODERA AFFINIS.

Lutea ; thorax plaga lata dorsali antice subito angustata ænea ; abdomen supra saturate fusco testaceum, villosum, segmentis 1o ad 3um macula media nigra ad basim hand dilatata.

Psilodera affinis, Westw. Trans. Ent. Soc. Lond. v. 92.

Cape.

Genus 7. THYLLIS.

Oculi pubescentes, super et sub antennarum basi contigui. Ocelli tres. Proboscis longa. Antennæ biarticulatæ, fronte insertæ. Prothoracis lobi dorsales contigui.

Thyllis, *Erichs. Entomogr.* i. 149.

Acrocera, p., *Fabr.*

Cyrtus, p., *Wied.*

Subcostal vein ending at much beyond half the length of the wing; mediastinal ending at about three-fourths of the length; radial ending at about five-sixths of the length; first branch of the cubital obsolete; second ending at a little behind the tip of the wing; first and second externo-medial veins complete; third abbreviated; subanal and anal veins united near the border, to which they do not extend; discal areolet elongated, subtetragonal.

1. THYLLIS CRASSUS.

Nigra, rufo varia; prothoracis margo anticus, mesothoracis vitta lateralis flexuosa, abdominisque fasciæ interruptæ flava; alæ ad costam fuscæ.

Acrocera crassa, *Fabr. Syst. Antl.* 332, 2.

Cyrtus crassus, *Wied. Auss. Zweifl.* ii. 15, 4.

Thyllis crassa, *Erichs. Entomogr.* i. 150, 1.

Cape.

2. THYLLIS TURGIDA.

Nigra, rufo varia; prothoracis margo anticus et posticus, mesothoracisque vitta lateralis flava; alæ fusco hyalinæ, ad costam fuscæ.

Thyllis turgida, *Erichs. Entomogr.* i. 150, 2.

Cape.

3. THYLLIS OBESA.

Nigra; prothoracis margo anticus et posticus, mesothoracis vittæ 2 marginales, scutellum et segmentorum abdominalium margines postici flava; alæ hyalinæ, ad costam fuscæ.

Thyllis obesa, *Erichs. Entomogr.* i. 151, 3.

Cape.

4. THYLLIS COMPRESSA.

Nigra; thorax compressus, utrinque vitta maculisque posticis ferrugineis; abdomen oblongum, ferrugineum, segmentis macula basali biloba nigra.

Thyllis compressa, Erichs. Entomogr. 151, 4.

Cape.

Genus 8. PHILOPOTA.

Oculi subpubescentes, super antennarum basim contigui. Ocelli tres. Proboscis longa. Antennæ biarticulatæ, fronte insertæ. Prothoracis lobi dorsales contigui.

Philopota, Wied. Auss. Zweifl. ii. 17; Westw.; Macq.; Erichs.

Subcostal vein ending at much beyond half the length of the wing; mediastinal ending at much beyond the subcostal; radial ending at about seven-eighths of the length; branches of the cubital vein, externo-medial veins and subanal vein not extending to the border.

South America.

1. PHILOPOTA CONICA.

Nigra; thoracis limbus, abdominis margines lineæque transversæ flava; tibiæ flavæ, anteriores nigro vittatæ; alæ rufo-fusæ.

Philopota conica, Wied. Auss. Zweifl. ii. 17, 1, pl. 9, f. 1. Macq. Hist. Nat. Dipt. i. 366, 1; Dipt. Exot. ii. 171, 1, pl. 14, f. 4. Westw. Trans. Ent. Soc. Lond. v. 94. Erichs. Entomogr. i. 154, 4.

Brazil.

2. PHILOPOTA MACULICOLLIS.

Nigro-picea; facies angusta, inter oculos albida; proboscis flava, apice fusca; prothorax dorsi angulis posticis productis, apice extremo ferrugineo; mesothorax punctis duobus minutis antice alterisque duobus cuneatis supra basim alarum ferrugineis; abdomen piceo-nigrum, margine laterali tenui subtus pallide flavo; femora nigra, basi rufa, apice lutco-fusca; tibiæ posticæ extus pallide flavæ; alæ infumatæ, dimidio postico pallidiore.

Philopota maculicollis, *Westw. Lond. and Edin. Phil. Mag.* 1835.
Trans. Ent. Soc. Lond. v. 93.

Philopota vidua, *Erichs. Entomogr.* i. 153, 1.

Brazil.

3. PHILOPOTA LITURATA.

Fusco-nigra ; *prothoracis margo anticus et posticus, mesothoracis utrinque linea flexuosa flava* ; *alæ fusco hyalinæ* ; *abdomen subopacum punctatissimum.*

Philopota liturata, *Westw. Trans. Ent. Soc. Lond.* v. 94.

Philopota ovata, *Mas.* ?

Brazil.

4. PHILOPOTA OVATA.

Fusca, punctatissima ; *thorax et abdomen basi lineis flavis notata* ; *alæ fusco hyalinæ, costa late fusca.*

Philopota ovata, *Westw. Trans. Ent. Soc. Lond.* v. 95.

a. Rio Tapayos, Brazil. From Mr. Bates' collection.

5. PHILOPOTA TUBERCOLATA.

Nigra, lutco villosa ; *mesothorax postice bituberculatus* ; *alæ fusco hyalinæ, dimidio antico fusco, abdomen basi utrinque luteum.*

Philopota tuberculata, *Westw. Trans. Ent. Soc. Lond.* v. 95.

Brazil.

6. PHILOPOTA HISTRIO.

Æneo-nigra ; *prothoracis flavi latera vitta tenui nigra ad basim alarum extensa et cum margine tenui antico nigro mesothoracis litteram M formante* ; *coxæ anticæ flavæ.*

Philopota histrio, *Erichs. Entomogr.* i. 153, 2. *Westw. Trans. Ent. Soc. Lond.* v. 96.

Brazil.

7. PHILOPOTA TURBINATA.

Fusca, cinereo sericans; thoracis lituræ et maculæ abdominisque margo lateralis dentatus flava; pedes genubus omnibus tibiisque posticis extus sulphureis; alæ fusco hyalinæ, antice saturatius infuscatæ; halteres albid.

Philopota turbinata, *Erichs. Entomogr.* i. 154, 3.

Brazil.

8. PHILOPOTA SOBRIA.

Philopota sobria, *Diptera Saundersiana*, Pt. 3, 195.

South America.

9. PHILOPOTA TEMPERATA.

Philopota temperata, *Diptera Saundersiana*, Pt. 3, 196.

South America.

Asia.

10. PHILOPOTA MURINA.

*Mas et Fœm. Cinerea; abdominis margo lateralis pedesque pal-
lidi; alæ fuscæ.*

Philopota murina, *Loew, Stett. Ent. Zeit.* v. 163, 1, pl. 2, f. 17.

Asia Minor. Isle of Stanchio.

Genus 9. OCNÆA.

Oculi villosi, sub antennis approximati. Ocelli tres. Proboscis brevis. Antennæ triarticulatæ, vertice insertæ. Prothoracis lobi dorsales remoti.

Eriosoma, *Macq. Dipt. Exot.* i. 2, 172.

Ocnæa, *Erichs. Entomogr.* i. 155.

Acrocera, p., *Wied.*

Subcostal vein ending at about two-thirds of the length of the wing; mediastinal ending at about five-sixths of the length; radial ending at a little in front of the tip; cubital simple: four externo-medial veins, first and third abbreviated; subanal vein united to the anal on the border; discal arcolet long, narrow, pentagonal.

1. OCNÆA MICANS.

Fusca ; thorax pube cinerea micante vestitus ; abdominis segmenta 2um et 3um testacea ; alæ fuscescente hyalinæ.

Ocnæa micans, *Erichs. Entomogr. i. 155, 1.*

Mexico.

2. OCNÆA LONGICORNIS.

Nigra, nitida ; thorax fusco villosus ; abdomen testaceum, maculis trigonis dorsalibus nigris ; alæ fuscescente hyalinæ, ante apicem nigræ.

Ocnæa longicornis, *Erichs. Entomogr. i. 156, 2, pl. 1, f. 8.*

Brazil.

Genus 10. ERIOSOMA.

Corpus villosum. Proboscis brevis.

Eriosoma, *Macq. Dipt. Exot. i. 2, 172.*

Acrocera, p., *Wied.*

Ocnæa, p., *Erichs.*

Subcostal vein ending at beyond half the length of the wing ; mediastinal ending at about two-thirds of the length ; radial ending at about five-sixths of the length ; cubital simple, united near the border with the first externo-medial ; second externo-medial incomplete ; third and fourth united near the border of the wing ; subanal and anal united very near the border ; discal areolet elongate, hexagonal.

1. ERIOSOMA CALIDA.

Lutea ; pedes fusci ; alæ hyalinæ, alulis eburneis, fusco limbatis.

Acrocera calida, *Wied. Auss. Zweifl. ii. 16, 1, pl. 7, f. 2.*

Eriosoma calida, *Macq. Dipt. Exot. i. 2, 173, 1, pl. 14, f. 5.*

Ocnæa calida, *Erichs. Entomogr. i. 157, 3.*

Brazil.

Genus 11. ASTOMELLA.

Caput humile, parvum, globosum. Oculi pilosuli, super antennis contigui. Ocelli obsoleti. Proboscis brevis. Antennæ approximatae, fronte insertae, capite longiores, triarticulatae; articuli 1us et 2us æquales, rotundati, breves; 3us oblongus, valde compressus, apice obtusus, 2o quadruplo longior. Thorax altus, convexus. Prothoracis lobi dorsales remoti. Abdomen oblongum, vesiculosum. Pedes sat longi et validi. Alæ corpore breviores, apice rotundatae. Alulæ magnæ, villosæ, diaphanæ margine calloso.

Astomella, *Leon Duf. Ann. Sci. Nat.* xxx. 210; *Erichs. Entomogr.* i. 157.

1. ASTOMELLA AUREA.

Nigra, fulvo villosa; abdomen globosum, testaceum, maculis magnis dorsalibus nigris; pedes testacei; alæ corpore haud breviores.

Astomella aurea, *Erichs. Entomogr.* i. 158, 1.

Portugal.

2. ASTOMELLA GRAVIS.

Nigra, luteo villosa; abdomen oblongum, incurvum, testaceum, maculis dorsalibus apiceque nigris; pedes testacei; alæ corpore multo breviores.

Astomella gravis, *Erichs. Entomogr.* i. 158, 2.

Syria.

3. ASTOMELLA CLAVICORNIS.

Nigra, cinereo villosa; abdomen incurvum, testaceum, segmentis basi macula magna dorsali transversa nigra; pedes testacei, posteriores tibiis tarsisque nigris; alæ hyalinæ, corpore breviores, venis duabus costalibus nigris.

Astomella clavicornis, *Latr. Cons. Gén.* 443; *Dict. d'Hist. Nat.* iii. 33.

Astomella marginata, *Latr. Cons. Gén.* 443; *Nouv. Dict. d'Hist. Nat. Meig. Zweifl.* vii. 103, 1.

Astomella curviventris, *Dufour, Ann. Sci. Nat.* xxx. 210. *Erichs. Entomogr.* i. 159, 3.

Spain, near Madrid.

4. ASTOMELLA LINDENII.

Nigra, luteo villosa ; abdomen testaceum, segmentis quatuor primis dorso nigro maculatis ; pedes testacei ; alæ abdomine breviores.

Astomella Vaxelii, Vanderlinden, Bull. Soc. Philomat. 1822 ; Dict. Class. Hist. Nat. Art. Astomella. Macq. Hist. Nat. Dipt. i. 367, 2.

Astomella Lindenii, Erichs. Entomogr. i. 159, 4.

Italy.

Genus 12. PIALEA.

Oculi hirti, remoti. Ocelli duo. Proboscis brevis. Antennæ triarticulatæ, fronte insertæ, basi connatæ. Prothoracis lobi dorsales remoti.

Pialea, Erichs. Entomogr. i. 160.

Subcostal vein ending at beyond half the length of the wing ; mediastinal extending far beyond the subcostal ; radial ending at far in front of the tip of the wing ; cubital including the tip of the wing between its forks ; two incomplete externo-medial veins ; sub-anal vein nearly reaching the border ; anal vein much abbreviated ; discal areolet long, narrow, tetragonal.

1. PIALEA LOMATA.

Nigra, cinereo pubescens ; abdominis limbus apicalis testaceus ; pedes fusci, femoribus basi pallidis, tibiis posticis basi pallidis infra medium incrassatis, tarsorum articulis 2o, 3o, 4o totis, 5o basi testaceis ; alæ fusco hyalinæ ; halteres fusci.

Pialea lomata, Erichs. Entomogr. i. 161, 1, pl. 1, f. 9.

Brazil.

Genus 13. PHYSEGASTER.

Oculi villosi. Ocelli duo distincti. Proboscis brevis, occulta ; antennæ triarticulatæ, capitis basi insertæ ; articuli 1us et 2us brevis ; 3us elongatus ; arista nulla. Thorax villosus. Abdomen fere nudum. Pedes nudi ; tibiæ apice subcalcaratæ.

Subcostal vein ending at much beyond half the length of the wing; mediastinal ending at a little beyond the subcostal; radial ending at some distance in front of the tip of the wing; cubital simple; first externo-medial complete; second and third abbreviated; subanal vein united to the anal at some distance from the border; discal areolet tetragonal, very long and narrow.

Physegaster, *Macq. Exped. de l'Alg.* iii. *Ins.* 445.

1. PHYSEGASTER MACULATUS.

Niger; antennarum articulus 3us ad basim testaceus; thorax fulvo pilosus; abdomen fluvo fulvescens, maculis trigonis flavis; pedes flavi, coxis tarsisque rufescentibus.

Physegaster maculatus, *Macq. Exped. Alg.* iii. *Ins.* 445, 88, pl. 3, f. 6.

Algeria.

Genus 14. PTERODONTIA.

Corpus villosum. Oculi hirti, contigui. Ocelli tres. Proboscis brevis. Antennæ biarticulatæ, facie insertæ. Prothoracis lobi dorsales remoti. Alæ costa dilatata.

Pterodontia, *G. R. Gray, Griff. Anim. Kingd.* xv. 779; *Macq.; Erichs.; Westw.*

Henops? *p., Klug.; Meig.*

Costa forming a tooth between the tips of the subcostal and mediastinal veins; costal vein ending at a little in front of the tip of the wing; subcostal ending at a little beyond half the length; mediastinal ending at beyond two-thirds of the length; radial ending at a little beyond the mediastinal; cubital not forked, ending at far in front of the tip of the wing; one externo-medial vein extending to the border; subanal and anal veins united near the border.

1. PTERODONTIA FLAVIPES.

Nigra; scutellum et abdomen basi ad dorsum nigro maculata; abdomen testaceum; pedes pallidi, femoribus posterioribus nigris.

Pterodontia flavipes, *G. R. Gray.*

Georgia.

2. PTERODONTIA ANALIS.

Nigra ; abdominis segmenta apicalia fulva, alulæ margine nigricantes ; alæ hyalinæ, venis albidis ; pedes pallidi.

Pterodontia analis, Westw. *Trans. Ent. Soc. Lond.* v. 97.
Georgia.

The five following species may probably be removed from this genus.

3. PTERODONTIA WAXELII.

Nigra ; abdomen testaceum, vitta dorsali abbreviata punctoque posteriore nigris ; pedes testacei, femoribus posterioribus nigris ; alæ hyalinæ, basim versus flavescentes, costa pallide testacea.

Henops Waxelii, Klug, *Mag. der Naturf. Gesellsch. zu Berl.* i. 265, pl. 7, f. 6. *Meig. Zweifl.* iii. 101, 5.

Pterodontia Waxelii, *Erichs. Entomogr.* i. 162, 1.

Astomella ?

Achtiar, Black Sea.

4. PTERODONTIA ANALIS. (Nomen bis lectum.)

Mas. *Nigra ; abdomen postice fulvum, punctis dorsalibus nigris ; pedes fulvi, femoribus posterioribus nigris, tursis flavis ; alæ subflavescentes, macula costali subfusca.*

Pterodontia analis, Macq. *Dipt. Exot. Suppl.* 1, 98, 1, pl. 9, f. 4.

New Grenada. Temperate Region.

5. PTERODONTIA VIRMONDII.

Nigra, nigro villosa ; abdomen testaceum, basi maculisque dorsalibus et lateralibus nigris ; pedes testacei, posteriores basi nigri ; alæ hyalinæ, costa flavescente testacea.

Pterodontia Virmondii, *Erichs. Entomogr.* i. 163, 3.

Brazil.

6. PTERODONTIA MELLII.

Nigra ; abdomen testaceum, basi vittaque dorsali integra nigris ;
pedes antici testacei basi nigri, posteriores nigri tarsis testaceis ;
alæ hyalinæ, costâ testacea.

Pterodontia Mellii, *Erichs. Entomogr.* i. 163, 2.

Liverpool Plains, New Holland.

7. PTERODONTIA MACQUARTII.

Atra ; scutellum abdominisque latera rufa ; pedes flavi, femoribus
anticis nigris.

Pterodontia Macquartii, *Westw. Trans. Ent. Soc. Lond.* v. 97.

Pterodontia flavipes, *Macq. Dipt. Exot.* i. 2, 175.

Pterodontia Mellii, Var. ?

New Holland.

Genus 15. ACROCERA.

Corpus minoris magnitudinis, subglobosum, gibbum, breviter
pubescens, nigricans. Oculi glabri, sub antennis contigui. Ocelli
tres. Proboscis brevis. Antennæ biarticulatæ, vertice insertæ.
Prothoracis lobi dorsales remoti. Alarum vena subapicalis furcata.

Acrocera, *Meig. Illig. Mag.* ; *Klass.* 147 ; *Latr.* ; *Macq.* ; *Zett.* ;
Erichs.

Syrphus, p., *Fabr. Ent. Syst.* ; *Panz.*

Hemops, p., *Fabr. Syst. Anth.* ; *Meig. Klass.* ; *Zett.*

Costal vein ending at a little in front of the tip of the wing ;
subcostal ending at beyond half the length ; mediastinal ending at
a little beyond the subcostal ; radial ending at about four-fifths of
the length ; first branch of the cubital ending at a little in front of
the tip of the wing ; second branch ending at much behind the tip ;
one externo-medial vein reaching the border ; anal not united to
the subanal.

Europe.

1. ACROCERA SANGUINEA.

Nigra; alæ subcinereæ. Mas.—Thorax testaceo quadrivittatus; abdomen supra testaceum, e maculis transversis nigris trivittatum; pedes testacei. Fœm.—Abdomen supra rufum, maculis nigris trivittatum; pedes picei, genubus fulvis.

Acrocera sanguinea, Latr.; Erichs. Entomogr. i. 167, 5.

2. ACROCERA NIGROFEMORATA.

Nigra; abdomen testaceum, punctis dorsalibus nigris; pedes rufo testacei, femoribus nigris; alæ fuscescentes.

Acrocera nigrofemorata, Meig. Klass. 148, 4; Zweifl. iii. 95, 2, pl. 24, f. 10. Erichs. Entomogr. i. 167, 6.

Acrocera sanguinea, Var.?

3. ACROCERA GLOBULUS.

Mas.—Nigra; antennæ fulvæ, apice nigræ; thoracis latera flavo maculata et fasciata, scutellum flavum; abdomen luteum, basi nigro fasciatum, lateribus nigro maculatis; pedes flavi; alæ limpidæ. Fœm.—Nigra; thoracis latera flavo maculata et fasciata; abdomen fulvum, apice flavo fasciatum; pedes fulvi.

Acrocera globulus, Latr.; Zett. Dipt. Scand. i. 229, 1. Erichs. Entomogr. i. 165, 1. Gimm. Bull. Soc. Imp. Nat. Mosc. 1847, xx. 3, 166, 1.

Acrocera albipes, Meig.

4. ACROCERA ORBICULUS.

Nigra; abdomen fuscum, segmento 2o 3oque maculis duabus, reliquis totis albidis; pedes albidî; alæ hyalinæ; halteres albi.

Syrphus orbiculus, Fabr. Ent. Syst. iv. 311, 122.

Henops orbiculus, Fabr. Syst. Antl. 334, 2. Meig. Klass. i. 152, a.

Acrocera orbiculus, Meig. *Zweifl.* iii. 97, 5. *Maeq. Dipt. Nord. Asil.* 92, 1; *Hist. Nat. Dipt.* i. 370, 3. *Erichs. Entomogr.* i. 165, 2.

Ogcodes pubescens? Latr. *Hist. Nat. Ins.* xiv. 315, 2.

Hartz District, Germany.

5. ACROCERA TUMIDA.

Nigra, nitida; abdomen aurantiacum, segmentis 2o 3oque nigris aurantiaco maculatis, 4o nigro maculato; pedes testacei, genibus tarsisque albidis; alæ hyalinæ; halteres albi.

Acrocera tumida, *Erichs. Entomogr.* i. 166, 3.

Germany?

6. ACROCERA BOREALIS.

Nigra; thorax macula humerali parva et alia juxta scutellum utrinque valde obsoleta, albidis; pedes pallidi, tarsi apice fuscis; alæ hyalinæ.

Acrocera borealis, Zett. *Ins. Lapp.* 573, 1; *Dipt. Scand.* i. 230, 2. *Erichs. Entomogr.* i. 167, 7.

Lapland.

7. ACROCERA TRIGRAMMA.

Pallide flavescens; thorax vittis tribus, abdomen macularum serie triplici nigris.

Acrocera trigramma, Loew, *Ent. Zeit. Stett.* 1845, 290.

Sicily.

North America.

8. ACROCERA FASCIATA.

Nigra; abdomen flavum, fasciis tribus nigris, anterioribus utrinque connexis; pedes albid.

Acrocera fasciata, Wied. *Auss. Zweifl.* ii. 16, 2. *Erichs. Entomogr.* i. 166, 4.

Georgia.

9. ACROCERA NIGRINA.

Nigra, nitida, tenuissime punctata ; alæ fusco pallide tinctæ, venis piceis distinctis, alulis fusco marginatis ; abdomen punctis duobus minutis ad segmenti penultimi marginem posticum margineque tenui segmenti ultimi albidis ; pedes obscure luteo-albidi, femoribus tibiisque in medio obscurioribus.

Acrocera nigrina, Westw.

Georgia.

10. ACROCERA BULLA.

Nigra ; alæ hyalinæ, costa venisque fuscis ; abdomen albidum basi (in medio dentata) fascia ad segmenti 2i basim, maculaque media ad 3i basim anoque nigris ; pedes albidi, unguibus nigris.

Acrocera bulla, Westw.

New York.

11. ACROCERA SUBFASCIATA.

Nigra ; thorax utrinque maculis duabus cuneiformibus fulvis ; abdomen fuscum, segmento 1o ad apicem maculis duabus transversis fasciæ apicali utrinque abbreviata luteis, sequentibus luteo marginatis.

Acrocera subfasciata, Westw.

New York.

12. ACROCERA UNGUICULATA.

Nigra ; alarum venæ fere obsoletæ ; abdomen fulvum, basi maculisque nigris ; pedes albi, unguibus nigris.

Acrocera unguiculata, Westw.

Georgia.

13. ACROCERA FUMIPENNIS.

Nigra, nitida; alæ hyalinæ, basim versus fusco infumata, venis basim versus obscuris ad apices tamen fere oblitteratis, alulis fuscis; pedes albid.

Aerocera fumipennis, Westw.

Georgia.

Country unknown.

14. ACROCERA BICOLOR.

Mas. Nigra; abdomen testaceum, basi nigrum; pedes flavi; alæ hyalinæ.

Acrocera bicolor, Macq. Dipt. Exot. Suppl. 1, 99, 1.

Genus 16. TERPHIS.

Oculi glabri, super et sub antennarum basi contigui. Ocelli duo. Proboscis brevis. Antennæ biarticulatæ, fronte inferiore insertæ. Prothoracis lobi dorsales contigui.

Terphis, Erichs. Entomogr. i. 168.

Subcostal vein ending at much beyond half the length of the wing; mediastinal ending at a little before three-fourths of the length; radial ending at before five-sixths of the length: first branch of the cubital obsolete, second ending at behind the tip of the wing; two externo-medial veins and subanal vein complete; discal areolet elongated, subpentagonal.

1. TERPHIS NODOSA.

Fusca, nigro varia, albo maculata; abdominis dorsum biserialiter tuberculatum; pedes testacei, albo varii, basi nigri; alæ hyalinæ, venis halteribusque albidis.

Terphis nodosa, Erichs. Entomogr. i. 169, 1, pl. 1, f. 10.

Brazil.

Genus 17. HENOPS.

Corpus minoris magnitudinis, subglobosum, gibbum, breviter pubescens, nigricans. Oculi glabri, super antennarum basim contigui. Ocelli duo. Proboscis nulla. Antennæ biarticulatæ facie insertæ. Prothoracis lobi dorsales remoti.

Henops, *Illig. Mag.* (1798); *Meig.*; *Fabr.*; *Fall.*; *Zett.*

Musca, p., *Linn.*

Syrphus, p., *Panz.*

Ogcodes, p., *Latr. Précis.* 154.

Ogcodes, p., *Macq.*; *Erichs.*; *Gimm.*

Oncodes, *Erichs.*

Subcostal ending at much beyond half the length of the wing; mediastinal ending at a little beyond the subcostal; radial ending at about five-sixths of the length; cubital simple, ending at some distance behind the tip of the wing; one externo-medial extending to the border; subanal distinct.

Europe.

1. HENOPS GIBBOSUS.

Nigro-fuscus; antennæ nigrae; thoracis latera fulvo maculata et fasciata; abdomen fuscum, segmentorum marginibus posticis ventreque flavis; pedes fulvi, femoribus nonnunquam nigris; alæ limpidæ.

Musca gibbosa, *Linn.*

Henops gibbosus, *Fabr. Zett. Dipt. Scand.* i. 231, 1.

Ogcodes gibbosus, *Latr. Guér. Icon. Règn. Anim.* pl. 94, f. 10.

Macq. Hist. Nat. Dipt. i. 368, 1; *Expéd. Scient. Alg. Ins.*

446, 89. *Erichs. Entomogr.* i. 170. 1. *Gimm. Bull. Soc.*

Imp. Nat. Mosc. xx. 3, 167, 1.

Europe. North Africa.

2. HENOPS ZONATUS.

Niger; abdomen album, segmentis basi nigris; pedes testacei, femoribus basi, tibiis medio tarsisque fuscis; alæ hyalinæ; halteres testacei, apice nigri.

Ogcodes gibbosus, *Latr. Encycl.* viii. 471, 1; *Hist. Nat. Cr. et Ins.* xiv. 315, 1, pl. 109, f. 10.

Ogcodes zonatus, *Erichs. Entomogr.* i. 170, 2.

Henops gibbosus, Var. ?

Germany.

• 3. HENOPS CINGULATUS.

Niger ; abdomen supra nigro-piceum segmentis singulis albo marginatis, subtus album ; pedes testacei, femoribus nigris ; alæ hyalinæ ; halteres apice albi.

Ogcodes cingulatus, *Erichs. Entomogr.* i. 171, 3.

Henops gibbosus, Var. ?

Germany.

4. HENOPS PALLIPES.

Niger ; abdomen supra piceum, segmentis singulis albo marginatis, subtus album ; pedes testacei ; alæ hyalinæ ; halteres apice picei.

Henops marginatus, *Zett. Dipt. Scand.* i. 231, 2.

Henops gibbosus, *Meig. Klass.* 151, 1. *Fall. Strat.* 3, 2.

Ogcodes pallipes, *Latr. Encycl.* viii. 471, 3. *Macq. Dipt. Nord. Asil.* 95, 3. *Erichs. Entomogr.* i. 172, 4. *Gimm. Bull. Soc. Imp. Nat. Mosc.* xx. 3, 167, 2.

Henops pallipes, *Meig. Zweifl.* vii. 102. 9.

Ogcodes marginatus, *Macq. Dipt. Nord. Asil.* 94, 2.

Henops gibbosus, Var. ?

5. HENOPS FULIGINOSUS.

Niger ; abdomen supra piceum, segmentis albido marginatis ; pedes testacei, femoribus nigris ; alæ fuliginosæ.

Ogcodes fuliginosus, *Erichs. Entomogr.* i. 172, 5.

Germany. Sicily.

6. HENOPS VARIUS.

Niger ; abdomen testaceum, segmentis apice albo marginatis, basi nigro maculatis ; pedes testacei, basi nigri ; alæ basi fuliginosæ, apice hyalinæ.

Ogcodes varius, *Latr. Encycl. Méth.* viii. 471, 4. *Macq. Dipt. Nord. Asil.* 95, 4. *Erichs. Entomogr.* i. 173, 6.

Henops limbatus, *Meig. Zweifl.* iii. 100, 3.

Henops varius, *Meig. Zweifl.* vii. 101, 1.

Germany.

7. HENOPS APICALIS.

Niger; *abdominis incisuræ flavæ*; *pedes testacei*; *alæ hyalinæ*,
marginæ antica apicæque fuscis.

Henops apicalis, *Meig. Zweifl.* iii. 101, 4.

Germany.

8. HENOPS NIGRIPES.

Niger; *thorax cinereo pubescens*; *abdomen incisuris albis*; *pedes nigri vel nigro-picei*; *alulæ albæ, nigro marginatæ.*

Henops nigripes, *Zett. Ins. Lapp.* 574, 1; *Dipt. Scand.* i. 232, 3.

Ogcodes nigripes, *Erichs. Entomogr.* i. 174, 4.

Lapland.

Asia.

9. HENOPS COSTALIS.

Henops costalis, *Diptera Saundersiana*, Pt. 3, 203.

East Indies.

Australia.

10. HENOPS BASALIS.

Henops basalis, *Diptera Saundersiana*, Pt. 3, 203.

New South Wales.

Country unknown.

11. HENOPS FUMATUS.

Nigra; *pectoris ventrisque latera alba*; *abdominis segmenta dorsalia albo marginata*; *pedes testacei, femoribus albidis*; *alæ fuliginosæ.*

Oncodes fumatus, *Erichson, Archiv. Naturg.* 1846, xii. 288.

Genus 18. SPHÆROGASTER.

Corpus minutum, ovatum, crassum. Caput mediocriter magnum. Proboscis porrecta, longitudine capitis. Antennæ triarticulatæ, frontis medio insertæ, arista brevissima crassiuscula. Alarum areola discalis venulas 4 subobsoletas emittens, in summum marginem interiorem descendentes. Alulæ minime.

Platygaster, *Zett. Ins. Lapp.* 574.

Sphærogaster, *Zett. Dipt. Scand.* i. 22, 232.

This genus may belong to another family.

1. SPHÆROGASTER ARCTICUS.

Ater, subnitidus, glaber; thorax lineis duabus humeralibus albis; pedes nigri, genubus tarsisque fuscis; alæ hyalinæ; halteres albi.

Platygaster arcticus, *Zett. Ins. Lapp.* 574, 1.

Sphærogaster arcticus, *Zett. Dipt. Scand.* i. 233, 1.

Lapland.

Fam. 5. ASILIDÆ.

Corpus magnum, aut mediocre, angustum, cylindricum, hirsutum. Frons et vertex impressa. Epistoma plerumque barbatum. Oculi remoti. Proboscis valida, brevis, cornea, acuta, porrecta aut obliqua. Antennæ porrectæ, basi approximatae. Abdomen segmentis 8. Pedes sæpissime validi, spinosi. Alæ incumbentes.

Asilidæ, *Leach; Sam. Comp.; Curt.; Westw.*

Bombyliarii, p., *Lam.*

Empidia, p., *Rafinesque.*

Asilici, *Latr.; Fall.; Meig.; Macq.; Zett.; Agassiz; Loew.*

Sclerostoma, p., *Duméril.*

Tanystomata Asilida, *Perty.*

Asilica, *Burm.*

Asilites, *Newm.*

Asilinæ et Mydasinæ, *Rondani.*

Mydasii et Pomacerites, *Macq.*

Asilidii et Apomeridii, *Bigot.*

Tetrachætæ Tanystoma, p., *Macq.*

- Antennæ 5- aut 4-articulatæ. Ocelli nulli. Sub-fam. 1. Mydasites.
 Antennæ 3-articulatæ. Ocelli tres.
 Alæ areola radiali aperta. - - - 2. Dasypogonites.
 Alæ areola radiali clausa.
 Arista nulla. - - - - - 3. Laphrites.
 Arista elongata. - - - - - 4. Asilites.

Sub-fam. 1. MYDASITES.

Caput vertice concava. Facies sæpissime mystacina. Ocelli nulli. Proboscis labiis apicalibus crassis. Palpi tenues, acuminati, nudi. Pedes setosi. Alæ areola submarginali clausa, areolis externo-medialibus tribus aut quatuor.

Mydasii, *Macq.*

Aplocera, *Macq.*

A. Antennæ 5-articulatæ.

A. Proboscis brevis.

a. Antennæ articulo 5o elongato.

a. Abdomen elongatum. - - - 1. Mydas.

b. Abdomen longissimum. - - - 2. Dolichogaster.

b. Antennæ articulo 5o rotundato. - - - 3. Rhopalìa.

B. Proboscis elongata, tenuis. - - - 4. Cephalocera.

B. Antennæ 4-articulatæ. - - - - - 5. Apiocera.

Genus 1. MYDAS.

Proboscis brevis. Antennæ 5-articulatæ, sat longæ, articuli 1us et 2us breves, 3us et 4us longi, angusti, 4us 3o brevior, 5us lator, fusiformis.

Mydas, *Fabr.*; *Meig.*; *Macq.*

Midas, *Wied.*; *Westw.*

Mediastinal vein joining the costal at rather beyond two-thirds of the length of the wing. Subcostal ending at a little in front of the tip. Radial and the two branches of the cubital joining the subcostal at equal distances from each other, the hind branch ending at very near the tip of the subcostal. Cubital ejecting the stump of a vein from its fork. Subapical or first externo-medial vein forming a curve nearly parallel to that of the hind branch of

the cubital, joining the costal very near the tip of the wing ; the following externo-medial veins joining the first, curved and parallel to the border, and not connected with it except by a short fork from the hindmost. Subanal and anal united near the border.

Europe.

1. MYDAS LUSITANICUS.

Nigro-cinereus, albido villosus ; thorax albo quadrivittatus ; abdominis incisuræ albida, 2a fulvenscens ; alæ flavidæ venis rufis.

Mydas lusitanicus, *Wied.* ; *Meig. Zweifl.* ii. 130 ; vi. pl. 66, f. 1, 2. *Wied. Mon. Mid.* pl. 54, f. 181. *Macq. Hist. Nat. Dipt.* i. 274. *Westw. Arc.* i. 54, 33. *L.-Duf. Ann. Soc. Ent. Fr.* 2me Sér. viii. 143, 7, pl. 6, f. 7.

Spain. Portugal.

2. MYDAS FULVIVENTRIS.

Niger ; thorax vitta laterali virgulaque humerali subcinereis ; abdominis segmenta 2um, 3um, 4um et 5um supra fulva, margine subcinerea ; alæ venis subfumosis.

Midas fulviventris, *L.-Duf. Ann. Soc. Ent. Fr.* viii. 145, 8.

Tarragona, Spain.

3. MYDAS RUFIPES.

Fusco-niger ; antennæ vix capite longiores ; abdomen fulvum, segmento basali nigro, apice subfusco ; pedes fusco-rufi ; alæ fusæ.

Midas rufipes, *Westw. Arc.* i. 54, 35.

Sicily?

North America.

- | | | | | | | |
|--------------------|---|---|---|---|---|---------------------------|
| A. Alæ sublimpidæ. | - | - | - | - | - | crassipes, <i>Westw.</i> |
| B. Alæ flavidæ. | - | - | - | - | - | fulvifrons, <i>Illig.</i> |
| C. Alæ fusæ. | | | | | | |

- A. Abdomen totum nigrum. - - - tibialis, Wied.
B. Abdomen nigrum, incisuris flavis. - incisus, Macq.
C. Abdomen nigrum, basi et apice fulvescens. pachygaster, Westw.
D. Abdomen testaceo-fuscum, nigro varium, fasciis pallidis. maculiventris, Westw.
E. Abdomen fulvum, flavo-nigroque varium. parvulus, Westw.
- D. Alæ nigræ. - - - clavatus, Drury.
E. Alæ chalybeæ. - - - iopterus, Wied.

4. MYDAS CRASSIPES.

Fœm. *Totus niger; antennæ breviores, thorax et abdomen nitida; pedes breves, femoribus posticis incrassatis dentatis; alæ subpellucidæ, vena radiali apiceque fusco tinctis.*

Midas crassipes, *Westw. Arc.* i. 51, 9, pl. 13, f. 3.

North America?

5. MYDAS FULVIFRONS.

Niger; epistoma fulvo hirtum; antennæ apice rufescentes; abdomen medio melleum; tibiæ subrubido-fuscæ; alæ flavidæ.

Midas fulvifrons, *Illig. Mag. Insektenkunde*. i. 206, 32. *Wied. Nova Acta Acad. Nat. Cur.* xv. 1; *Mon. Mid.* pl. 53, f. 13; *Auss. Zweifl.* ii. 629, 33. *Westw. Arc.* i. 52, 23.

Georgia.

6. MYDAS TIBIALIS.

Niger; tibiæ tarsique lutea; alæ fuscæ.

Midas tibialis, Wied. *Nova Acta Acad. Nat. Cur.* xv. 1, pl. 2, f. 6.
Auss. *Zweifl.* ii. 627, 30. Westw. *Arc.* i. 51, 11.

Baltimore.

7. MYDAS INCISUS.

Niger; abdominis incisuræ flavæ, segmento basali omnino nigro; alæ fusæ.

Mydas incisus, Macq. Dipt. Exot. i. 2, 11, 1, pl. 1, f. 1. Westw. Arc. 1, 53.

Carolina.

8. MYDAS PACHYGASTER.

Rubiginosus; oculi nigri, intus sericie albicante marginatæ; antennæ articulo 3o fulvo, 4o nigricante; thoracis dorsum nigro vittatum; abdomen thorace latius, segmento 1o et ultimo fulrescentibus, 1o basi obscuro, intermediis nigris margine tenui postico flavo; alæ fuscescentes, ad costam melleo tinctæ venis obscurius marginatis.

Midas pachygaster, Westw. Arc. i. 53, 24, pl. 13, f. 4.

Georgia.

9. MYDAS MACULIVENTRIS.

Obscure niger; abdomen testaceo-fuscanum, segmentis supra apice pallidis et (nisi segmentis duobus basalibus) macula triangulari nigra in medio notatis, his maculis versus apicem abdominis magnitudine crescentibus, segmento anali fusco; pedes picco-nigri; alæ flavido-fuscanæ, venis in parte postica obscurius marginatis.

Midas maculiventris, Westw. Lond. and Edinb. Phil. Mag. 1835 Arc. 1, 53, pl. 13, f. 5.

Georgia.

10. MYDAS PARVULUS.

Obscure fulvus; oculi nigri, intus sericie alba marginati; antennæ nigricantes, basi sublutæ; thorax vittis quatuor nigricantibus, duabus lateralibus antice, intermediis duabus postice, abbreviatis; abdomen flava punctatum, segmentis 2o et sequentibus nigro fasciatis, fasciis in segmentis posticis multo latioribus; pedes fulvi; alæ fuscanæ, costa magis lutescente.

Midas parvulus, Westw.

Georgia.

11. MYDAS CLAVATUS.

Niger; abdominis segmentum 2um aurantiacum; alæ nigræ.

Musca clavata, *Drury*, *Ill.* i. pl. 44, f. 1; ii. *Append.*

Midas filatus, *Wied. Mon. Mid.* pl. 53, f. 8.

Bibio illucens, *Fabr. Syst. Ent.* 756, 1.

Midas clavatus, *Westw. Arc.* i. 51, 14.

North America.

12. MYDAS IOPTERUS.

Niger; antennæ breves; abdomen utrinque maculis duabus flavidis; alæ chalybeæ.

Midas iopterus, *Wied.*

North and South America.

Mexico.

A. Abdomen totum nigrum.

A. Antennæ nigræ. - - - - - senilis, *Westw.*

B. Antennæ apice rubidæ. - - - - - rubidapex, *Wied.*

B. Abdomen fasciis tribus flavis. - - - - - interruptus, *Wied.*

C. Abdomen fasciis sex flavis. - - - - - basalis, *Westw.*

13. MYDAS SENILIS.

Totus niger cinereo setosus, barba cinerea; alæ fuscanae, costa magis fulvescente, venis posticis fusco marginatis, areola media versus marginem posticum venam brevem ad marginem currentem haud emittente.

Midas senilis, *Westw. Arc. Ent.* i. 52, 21.

Mexico.

14. MYDAS RUBIDAPEX.

Niger; antennæ apice rubidæ; alæ rubido-flavæ, extrema basi nigræ.

Midas rubidapex, *Wied. Nova Acta Acad. Nat. Cur.* xv. 1, pl. 1, f. 2.; *Auss. Zweifl.* ii. 626, 27. *Westw. Arc. Ent.* i. 51, 4.

Mexico.

15. MYDAS INTERRUPTUS.

Niger; abdomen fasciis tribus flavis, 1a utrinque interrupta; alæ fusco-flavæ.

Midas interruptus, *Wied. Nova Acta Acad. Nat. Cur.* xv. 1, pl. 2.
Mon. Mid. pl. 53, f. 12; *Auss. Zweifl.* ii. 628, 31. *Westw.*
Arc. i. 52, 20.

Mexico.

16. MYDAS BASALIS.

Fœm. Niger; facies fulva; antennæ basi fulvæ; thoracis dorsum obscure ferruginosum, vitta media nigra; abdomen crassum, segmentis 2—7 flavo marginatis; pedes fulvi, coxis femoribusque anterioribus basi nigris; alæ flavido-fuscae, venis fulvis.

Midas basalis, *Westw. Arc.* 53, 25.

Mexico.

West Indies.

17. MYDAS TRICOLOR.

Niger; epistoma auratum; thorax rubidus; abdomen chalybeum; femora postica rufa; alæ flavidæ.

Midas tricolor, *Wied. Nova Acta Acad. Nat. Cur.* xv. 1, pl. 1, f. 5;
Auss. Zweifl. ii. 627, 29. *Westw. Arc.* i. 51, 10.

Cuba.

South America.

A. Abdomen totum chalybeum, aut cupreum, aut nigrum.

A. Abdomen basi flavo pilosum.

A. Abdomen atrum. - - - - heros, *Perty*.

B. Abdomen purpureo cæruleum. - - dives, *Westw.*

B. Abdomen basi nigro pilosum.

A. Abdomen chalybeum aut nigrum.

a. Antennæ omnino nigrae.

i. Abdomen chalybeum.

* Epistoma nigro hirtum. - giganteus, *Thunb.*

- ** Epistoma albo hirtum. - - leucops, *Wied.*
 ii. Abdomen nigrum.
 * Thorax albido vittatus. - - virgatus, *Wied.*
 ** Thorax non vittatus. - - atratus, *Macq.*
 b. Antennæ rubidæ, basi annuloque nigris.
 annulicornis, *Westw.*
 c. Antennæ rubidæ, basi nigræ.
 i. Abdomen nigrum. - - - mystaceus, *Wied.*
 ii. Abdomen chalybeum, medio nigrum. apicalis, *Wied.*
 B. Abdomen cupreum. - - - nitidulus, *Oliv.*
 B. Abdomen fasciis pallidis.
 A. Pedes antici nigri. - - - gracilis, *Macq.*
 B. Pedes antici flavi. - - - notospilus, *Wied.*

18. MYDAS HEROS.

Ater; antennæ ferruginæ; abdominis segmentum 1um sulphureo hirtum; alæ antice testaceæ, costa et venis fusco-nigris.

Midas heros, *Perty, Delect. Anim. Artic. Bras.* pl. 36, f. 11;
Westw. Arc. Ent. i. 50, 1.

Brazil.

19. MYDAS DIVES.

Niger; antennæ fulvæ, basi nigræ; thorax vittis cinerascentibus; abdomen segmento 1o aureo piloso, 2o aureo sericante, reliquis læte purpureo-cæruleis; pedes longi; alæ fulvæ basi obscuriore margineque postico translucente.

Midas dives, *Westw.*

Brazil.

20. MYDAS GIGANTEUS

Ater, thorax vittis dilutioribus; abdomen chalybeum; alæ margine interno apiceque fuscato-flavidis. *Mas.*—Abdomen chalybeum; alæ cothurnatæ vel fuscantæ. *Fæm.*—Abdomen vix cærulescens; alæ nigræ.

Mydas giganteus, *Thunb.*

Var.? *Mydas cærulescens*, *Oliv. Enc. Méth.* viii. 81.

a, b. Rio Tapayos, Brazil. From Mr. Bates' collection.

21. MYDAS LEUCOPS.

Niger; epistoma albo hirtum; thorax vittis tribus albo hirtis; abdomen chalybeum; alæ sinuato fuscato-flavæ, margine interno flavido.

Midas leucops, *Wied. Nova Acta Acad. Nat. Cur.* xv. 1, pl. 2; *Mon. Mid.* pl. 53, f. 10; *Auss. Zweifl.* ii. 628, 32. *Westw. Arc.* i. 52, 17.

Brazil.

22. MYDAS VIRGATUS.

Niger; thorax vittis albo micantibus; alæ infumatæ.

Midas virgatus, *Wied. Nova Acta Acad. Nat. Cur.* xv. 1; *Mon. Mid.* pl. 54, f. 19; *Auss. Zweifl.* ii. 63, D, 35. *Westw. Arc.* i. 53, 30.

Brazil.

23. MYDAS ATRATUS.

Mas et Fœm. *Niger; abdominis segmentum ultimum supra macula rufescente; alæ fuscæ venis obscurius marginatis.*
Fœm.—*Abdomen depressum.*

Mydas atratus, *Macq. Dipt. Exot.* i. 2, 11, 2. *Westw. Arc.* i. 51, 15.

———?

Var.? *Ater; caput antice albido pilosum; abdominis segmentum ultimum fulvo marginatum; alæ purpureo-fuscæ, strigis apud areolus posticas pallidioribus, costa nigro-purpurea.*

Deep black. Head with whitish hairs in front. Eyes bordered beneath with white tomentum. Last abdominal segment with a dull tawny hind border. Wings purplish brown, blackish purple in front; areolets along the hind border, and two or three of those in the disk, with nearly limpid streaks. Length of the body 8 lines; of the wings 14 lines.

a. Rio Tapayos, Brazil. From Mr. Bates' collection.

24. MYDAS ANNULICORNIS.

Fœm. *Niger*; *barba nigra*; *antennæ fulvo-rubræ, basi nigræ, annulo nigro ad apicem articuli 3i*; *thorax vix cinereo vittatus*; *abdomen segmento 2o nigro viridescente, tribus ultimis nigro-cærulescentibus*; *alæ fusco-nigricantes, basi venis obscurioribus, margine postico pallidius infumato.*

Midas annulicornis, *Westw. Arc. i. 51, 6, pl. 13, f. 2.*

Brazil.

25. MYDAS MYSTACEUS.

Ater; *epistoma utrinque albo pilosum*; *antennæ rubidæ, basi nigræ*; *alæ nigræ, margine postico apiceque fuscescentes.*

Midas mystaceus, *Wied. Nova Acta Acad. Nat. Cur. xv. pl. 1, f. 3*; *Auss. Zweifl. ii. 626, 26. Westw. Arc. i. 51, 5.*

Surinam.

26. MYDAS APICALIS.

Niger; *antennæ apice rubidæ*; *abdomen chalybeum, medio nigrum*; *alæ nigro-fuscæ, margine postico flavæ.*

Midas apicalis, *Wied. Auss. Zweifl. ii. 629, 34*; *Mon. Mid. pl. 53, f. 14. Westw. Arc. i. 53, 29.*

Midas mystaceus, Var.?

Brazil.

a. ———?

Var.? *Midas Bonariensis*, *Serv.; Guér. Icon. Règne Anim. pl. 97. Westw. Arc. Ent. i. 51, 7.*

Niger; *thorax et abdomen cyanea*; *alæ margine postico apiceque fuscis.*

Buenos Ayres.

27. MYDAS NITIDULUS.

Niger; thorax albido vittatus; abdomen subcupreum, maculis utrinque viridi aureis; alæ subflavescentes, venis fuscis.

Mydas nitidulus, Oliv. *Enc. Méth.* viii. 83. *Wied. Nova Acta Acad. Nat. Cur.* xv. 1, pl. 1, f. 4; *Auss. Zweifl.* ii. 626, 28. *Westw. Arc.* i. 51, 8.

Surinam.

28. MYDAS GRACILIS.

Niger; barba et frontis latera albida aut flava; thorax lincis quatuor albis, intermediis duabus antice paullo dilatatis, vitta nigra dorsali velutina, duabus lateralibus lævibus fuscis; meta-thorax maculis duabus albis; abdomen violaceo metallicum, segmento 1o nigro albo piloso, reliquis fulvo tenuiter marginatis; pedes nigri, femoribus tibiisque posticis obscure testaceis; alæ fuscescentes.

Mydas gracilis, Macq. *Hist. Nat. Dipt.* i. 274, pl. 7, f. 1. *Westw. Arc.* i. 52, 18.

South America.

29. MYDAS NOTOSPILUS.

Niger; thorax albo sex maculatus; abdomen flavo fasciatum; pedes flavi; alæ flavescentes, venis fusco marginatis.

Midas notospilus, Wied.

Monte Video, Brazil.

Africa.

30. MYDAS CINCTUS.

Obscure niger; facies et frons albido pilosæ; thorax vittis quatuor cinereo villosis, lateralibus subtus fulvis, parapteris fulvis, lateribus testaceis, sterno nigricante; scutellum minutum, testaceum; abdomen cylindricum, segmentis fulvo marginatis, lateribus fulvis, singuli disco fascia nigra angusta abbreviata; pedes fulvi, femoribus posticis subclavatis, apice fuscis, subtus serie duplici spinarum brevium armatis; tibiis etiam breviter spinosis.

Mydas cinctus, *Macq. Hist. Nat. Dipt.* ii. 655, pl. 24, f. 19. *Westw. Arc.* i. 54, 34.

Oran, Algeria.

31. MYDAS DISPAR.

Flavo-cinereus (Mas), aut *flavus* (Fœm.); *thorax striis longitudinalibus e maculis tribus nigris compositis lineisque duabus intermediis signatus; abdomen nigro annulatum, in fœmina, diaphanum; pedes maris fuscii, fœminæ flavi.*

Midas dispar, *Loew, Bericht Verhandl Kon. Preiss. Akad. Weisench. Berl.* 1852, 658, 4.

Mozambique.

Asia.

32. MYDAS RUFICORNIS.

Niger; antennæ ferrugineæ; thorax antice melleo fuscus; alæ fusce.

Midas ruficornis, *Wied. Analecta Entom.* 20, 4; *Mon. Mid.* pl. 53, f. 11.; *Auss. Zweifl.* i. 242, 6. *Westw. Arc.* i. 52, 19.

Tranquebar.

Australia.

33. MYDAS CLAVIGER.

Mydas claviger, *Cat. of Diptera*, Pt. 1, 229.

34. MYDAS INCIPIENS.

Mydas incipiens, *Cat. of Diptera*, Pt. 1, 229.

A. Abdomen fasciis rufis aut fulvis.

A. Alæ subhyalinæ.

A. Abdomen albo maculatum. - - - stenogaster, *Westw.*

B. Abdomen immaculatum. - - - bicolor, *Westw.*

B. Alæ auricolores. - - - auripennis, *Westw.*

- B. Abdomen piceum, fascia lata basali nigra. limpidipennis, *Westw.*
 c. Abdomen non fasciatum.
 A. Thoracis latera alba. - - - - viduatus, *Westw.*
 B. Thorax maculis sex albis. - - - - concinnus, *Maeq.*
 C. Thorax maculis fulvis.
 A. Alæ fulvæ. - - - - melleipennis, *Westw.*
 B. Alæ limpidæ. - - - - bispinifer, *Westw.*
 D. Thorax totus niger. - - - - sordidus, *Westw.*

35. MYDAS STENOGASTER.

Niger, albido setosus; facies barba densa albida insita; thorax maculis duabus parvis in margine antico albo squamosis, alterisque duabus versus basim alarum; abdomen valde elongatum, segmento antico albo piloso, 2o nigro, 3o obscure rufo, lateribus nigris albo maculatis, cæteris sanguineis, singulo ad basim utrinque macula parva alba; pedes piceo-sanguinei; alæ subhyalinæ.

Midas stenogaster, Westw.

Swan River.

36. MYDAS BICOLOR.

Niger, albo pilosus; facies barba densa albida; abdomen segmentis 5 posticis sanguineo-rufis; pedes sanguineo-rufi, tarsi paullo obscurioribus; alæ hyalinæ, venis flavido-fuscato marginatis.

Midas bicolor, Westw.

37. MYDAS AURIPENNIS.

Niger, caput, antennæ, prothorax, thoracis anguli antici, abdomen et pedes late fulva; mesosterni latera unispinosa; abdomen basi fasciisque duabus nigris; femora basi nigra; alæ auricolores, macula versus costæ apicem nigra, margine interno pellucido.

Midas auripennis, Westw. Lond. and Edinb. Phil. Mag. 1835; Arc. i. 51, 13, pl. 14, f. 1.

Cubital vein divided, and forming a small closed oval areolet.
 New Holland.

38. MYDAS LIMPIDIPENNIS.

Niger; facies cinereo tomentosa; thorax opacus; abdomen dilatatum, subconvexum, segmento 1o cinereo parum hirto, 2o et 3o utrinque ad basim macula minima albido-lutea notatis, quatuor apicalibus piceis; pedes rufo-picei; alæ perlimpidæ, venis pallidis.

Mydas limpidipennis, Westw. *Trans. Ent. Soc. Lond.* v. 90.
Western Australia.

39. MYDAS VIDUATUS.

Niger; facies, thoracis latera, maculaque triangularis ad basim segmentorum 3i et 4i abdominalium sericie argentea obsita; alæ pallidæ, in medio fuscæ, venis fusco marginatis.

Midas viduatus, Westw.
New Holland.

40. MYDAS CONCINNUS.

Mas. Ater, albo maculatus; pedes testacei, femoribus nigris; alæ subflavescentes.

Mydas concinnus, Macq. *Dipt. Exot. Suppl.* 1, 58, 2, pl. 6, f. 5.
New Holland.

a. Swan River. From Dr. Bacon's collection.

41. MYDAS MELLEIPENNIS.

Niger; antennæ elongatæ, articulo 1o subrufo; thoracis margines et scutellum fulvæ; abdomen elongatum, gracile, nitidum, segmentis basalibus utrinque flavo maculatis; pedes fulvi, femoribus posticis clavatis; alæ fulvæ, venis rufo-fulvis.

Mydas melleipennis, Westw. *Trans. Ent. Soc. Lond.* v. 87, pl 13, f. 1.

Western Australia.

42. MYDAS BISPINIFER.

Niger; thoracis latera et scutellum rufo-fulva; pedes pallide flavi, femoribus posticis clavatis; alæ costam versus fusco tinctæ, venis nigris. Mas.—Abdomen elongatum, angustum, clavatum, segmentis basalibus utrinque flavo maculatis.

Mydas bispinifer, Westw. Trans. Ent. Soc. Lond. v. 88, pl. 13, f. 2.

Western Australia.

43. MYDAS SORDIDUS.

Niger, opacus; antennæ breviores, apice rufæ; abdominis segmenta basalia utrinque macula parva trigona lutea; pedes piceo-rufi, femoribus posticis obscuris; alæ limpidæ, venis nigris.

Mydas sordidus, Westw. Trans. Ent. Soc. Lond. v. 89, pl. 13, f. 3.

Adelaide, Australia.

Country unknown.

44. MYDAS POLITUS.

Niger; thorax glaber; abdomen cupreum; pedes ferruginei; alæ nigræ.

Mydas politus, Wied. Auss. Zucifl. i. 240, 2. Westw. Arc. i. 51, 12.

Genus 2. DOLICHOGASTER.

Facies vix prominens, breviter hirta, mystace nulla. Antennæ vix capitis longitudine; articulus 1us brevis; 2us brevissimus; 3us conicus, 1o duplo longior; 4us et 5us precedentium longitudine, clavam formantes cordiformem tomentosam basi sat latam apice obtuse acuminatam, lateribus subcompressis. Abdomen longissimum. Alæ sat latæ, abdominis apicem non attingentes.

Dolichogaster, Macq. Dipt. Exot. Suppl. 2, 18.

Midas, p., Wied.; Westw.

1. DOLICHOGASTER BREVICORNIS.

Niger, glaber; abdominis segmenta 3um et 4um flavido diaphana; alæ fusco notatæ.

Midas brevicornis, Wied. Dipt. Exot. i. 117, 3; Auss. Zweifl. i. 242, 5.

Dolichogaster brevicornis, Macq. Dipt. Exot. Suppl. 2, 19, pl. 2, f. 2.

a. Parâ. From Mr. Bates' collection.

Genus 3. RHOPALIA.

Facies brevis, parum prominens. Mystax brevis, non bene determinata. Proboscis brevis, sat crassa. Antennarum articulus 5us maximus, ovatus, apice brevissime stylatus. Femora et tibiæ postica breviter setosa; tibiæ posticæ calcaribus duobus minutis.

Rhopalia, Macq. Dipt. Exot. i. 2, 12.

Midas, p., Wied.; Westw.

A. Thorax niger, vittis canis.

A. Abdomen nigrum. - - - - - lineata, *Oliv.*

B. Abdomen fuscum. - - - - - vittata, *Wied.*

B. Thorax niger, lateribus testaceis. - - - Olivieri, *Macq.*

C. Thorax rufus. - - - - - Spinolæ, *Macq.*

1. RHOPALIA LINEATA.

Nigra; thorax cinereo quadrilineatus; abdomen suturis albis; femora postica leviter spinosa vix incrassata; alæ pellucidæ, venis nigris obscurius nonnihil marginatis.

Mydas lineatus, Oliv. Encycl. Méth. viii. 33. Westw. Arc. i. 54, 38.

Egypt.

2. RHOPALIA VITTATA.

Cana ; thorax vittis nigellis ; abdomen fuscum albo fasciatum ; pedes fusci, femoribus posticis haud spinosis ; alæ limpidissimæ.

Midas vittatus, *Wied. Auss. Zweifl.* i. 559, 37 ; *Mon. Mid.* pl. 54, f. 23. *Westw. Arc.* i. 54, 37.

Rhopalia vittata, *Macq. Explor. Scient. de l'Alger.* iii. *Ins.* 431, pl. 1, f. 11.

Nubia, Algeria.

3. RHOPALIA OLIVIERI.

Nigra ; caput antice et subtus albo pilosum ; antennæ sericie subcinerea indutæ ; thoracis latera testacea ; pedes rufi ; alie subfuscæ.

Rhopalia Olivieri, *Macq. Dipt. Exot.* i. 2, 12, 1, pl. 1, f. 2.

Midas Olivieri, *Westw. Arc.* i. 54, 39.

Egypt.

4. RHOPALIA SPINOLÆ.

Fœm. Rufa ; abdominis segmentum 2um interrupte nigro fasciatum ; pedes fulvi ; alæ subrufescentes, apice et postice hyalinæ.

Rhopalia Spinolæ, *Macq. Dipt. Exot.* i. 2, 192.

Egypt.

Genus 4. CEPHALOCERA.

Proboscis porrecta, elongata, tenuis.

Cephalocera, *Latr. Règn. Anim.* (1829) ; *Macq. ; Westw.*

Midas, p., *Wied.*

Africa.

A. Alæ fasciatæ aut vittatæ.

A. Alæ vittatæ. - - - - - longirostris, *Latr.*B. Alæ fasciatæ. - - - - - fascipennis, *Macq.*

B. Alæ non fasciatæ nec vittatæ.

A. Antennæ apice ferrugineæ. - - - fasciata, *Wied.*

B. Antennæ apice nigræ.

A. Alæ fuscæ.

a. Pedes fuscæ. - - - - - nigra, *Macq.*b. Pedes fuscano-flavi. - - - - - callosa, *Wied.*

B. Alæ flavescentes.

a. Thorax rufo hirtus. - - - - - rufithorax, *Wied.*b. Thorax flavido hirtus. - - - Westermanni, *Wied.*

1. CEPHALOCERA LONGIROSTRIS.

Nigra ; antennarum clava medio rufo-flava ; thorax flavido-vittatus ; abdomen maris fasciis albis, fœm. flavis ; pedes flavi, femoribus posticis apice obscuris ; alæ costa vittaque submedia nigra.

Midas longirostris, *Wied. Nova Acta Acad. Nat. Cur.* xv. 1 ; *Auss. Zweifl.* ii. 630, 36 ; *Mon. Mid.* pl. 54, f. 21.

Cephalocera longirostris, *Latr. Règn. Anim.* (1829). *Macq. Dipt. Exot.* i. 2, 13, 1. *Westw. Arc.* i. 55, 4.

a. Cape. From Mr. Saunders' collection.

2. CEPHALOCERA FASCIPENNIS.

Mas. Nigra ; abdomen albo maculatum ; pedes rufi ; alæ fascia fuscana.

Cephalocera fascipennis, *Macq. Dipt. Exot.* i. 2, 13, 2. *Westw. Arc.* i. 55, 5.

Cape.

3. CEPHALOCERA FASCIATA.

Nigra ; antennæ apice ferrugineæ ; thorax ferrugineo hirtus ; pedes ferruginei ; alæ flavidæ.

Mydas fasciatus, Wied. Auss. Zweifl i. 243, 9.

Cephalocera fasciata, Westw. Arc. i. 55, 3.

Cape.

Var.? *Antennæ totæ, caput supra, thoracis latera et segmentorum abdominalium margines postici ferrugineæ.*

Black. Head above, antennæ, sides of the thorax, hind borders of the abdominal segments and legs ferruginous. Wings clouded with pale brown along the borders of the veins.

a. Port Natal. From Mr. R. W. Plant's collection.

4. CEPHALOCERA NIGRA.

Fœm. *Nigra* ; barba alba ; antennarum articulus 3us medio ferrugineus ; pedes et alæ fusca ; venæ cubitalis ramus 2us vena radiali conjunctus.

Cephalocera nigra, Macq. Dipt. Exot. i. 2, 14, 3, pl. 1, f. 3. Westw. Arc. i. 55, 6.

Cape.

Var.? *Antennæ omnino nigrae ; segmentorum abdominalium margines postici ferruginei ; pedes ferruginei, tibiis posticis femoribusque nigris ; alæ nigro-fusca, areolarum posticarum discis pallidioribus.*

Antennæ wholly black. Hind borders of the abdominal segments ferruginous. Legs ferruginous ; femora and hind tibiæ black. Wings blackish brown ; disks of the posterior arcolelets much paler.

a. Port Natal. From Mr. R. W. Plant's collection.

b. ———?

5. CEPHALOCERA CALLOSA.

Nigra; pedes fuscato-flavi; alæ fuscae. Mas.—Abdomen fuscato-flavum. Fœm.—Abdomen nigrum.

Midas callosa, Wied. Mon. Mid. pl. 54, f. 22.

Cephalocera callosa, Westw. Arc. i. 55, 7.

Cape.

6. CEPHALOCERA RUFITHORAX.

Nigra; thorax rufo hirtus; abdominis incisuræ flavidæ; pedes rufescentes, femoribus posticis intus apices versus nigris; alæ flavescentes.

Midas rufithorax, Wied. Dipt. Exot. i. 117, 4; Auss. Zweifl. i. 242, 7; Mon. Mid. pl. 54, f. 15.

Cephalocera rufithorax, Westw. Arc. i. 55, 1.

Cape.

7. CEPHALOCERA WESTERMANNI.

Niger; thorax flavido villosus; abdomen nigro hirtum, basi flavido hirtum; pedes castaneo-fusci; alæ apud discos flavescentes.

Midas Westermanni, Wied. Zool. Mag. iii. 19, 27; Dipt. Exot. i. 118, 5; Auss. Zweifl. i. 243, 8; Mon. Mid. pl. 54, f. 16.

Cephalocera Westermanni, Westw. Arc. i. 55, 2.

Cape.

Australia.

8. CEPHALOCERA MACULIPENNIS.

Ferruginea; caput nigrum; antennæ fulvæ, articulo 4o valde clavato, apice in tuberculo contracto; thorax vitta lata nigra; abdomen nigrum, segmentis 2o, 3o 4oque rufis, singulo macula dorsali nigra; pedes testaceo-rufi; alæ hyalinæ, costa fulva, macula magna media, vitta ad basim ducta, apiceque marginis antici nigris.

Cephalocera maculipennis, Westw. Arc. i. 55, 8, pl. 14, f. 5.

Western Australia.

9. CEPHALOCERA GRACILIS.

Fœm. *Gracilis, nigra, nitida; thoracis latera testacea; abdomen fasciis fulvis; femora, tibiæ tarsique basi flava; alæ fuscae.*

Cephalocera gracilis, Macq. Dipt. Exot. Suppl. 2, 32, pl. 1, f. 5.

New Holland.

Genus 5. APIOCERA.

Caput transversum. Proboscis exserta, labiis duobus magnis terminata. Palpi lati, spatulati. Antennæ 4-articulatæ, capite breviores; articuli 1us et 2us setosi; 1us crassus; 2us minutus; 3us pyriformis, parvus; 4us stylatus, minutus. Thorax oblongus setosus. Scutellum productum. Abdomen longi-obconicum. Pedes longiuseuli, sat graciles, setosi; tibiæ posticæ bicalcaratæ. Alæ breviusculæ.

Apiocera, Westw. Lond. and Edinb. Phil. Mag. 1835; Arc. i. 56.

Pomacera, Macq. Dipt. Exot. Suppl. 2.

Wings short, rather narrow: costal vein ending at near the tip of the wing; mediastinal ending at about two-thirds of the length; subcostal ending near the tip of the costal; radial and cubital springing from a short common petiole, the former joining the subcostal near its tip; cubital forked before two-thirds of its length; its forks slightly curved, the fore fork joining the subcostal, the hind fork united to the costal; first externo-medial curved parallel to the cubital, joining the tip of the costal; second externo-medial complete; third and fourth externo-medial united at some distance from the border, which they join by means of a common petiole; subanal and anal united near the border.

1. APIOCERA ASILICA.

Obscure nigra, facie corporeque subtus pilis cinereo-albis valde obsitis; thorax vitta angusta media aliisque tribus utrinque in medio disci abbreviatis cinereo-albis; abdominis segmenta 2um, 3um et 4um lateribus et maculis duabus triangularibus ad marginem posticum magnitudine decrescentibus, 5umque maculis duabus basalibus cinereo-albis; alæ hyalinæ, venis nigris.

Apiocera asilica, Westw.

Pomacera Bigotii, Macq. Dipt. Exot. Suppl. 2, 19, 1, pl. 2, f. 1.

a. Adclaide. From Mr. Stevens' collection.

Sub-fam. 2. DASYPOGONITES.

Ocelli tres. Antennæ sæpissime 3-articulatæ. Alarum vena radialis costali ad apicem connexa.

Dasypononitæ, *Macq.*

A. Antennæ 5-articulatæ.

A. Antennarum articulus 5us 4o longior. - 1. Ceraturgus.

B. Antennarum articuli 4us et 5us æquales. - 2. Dioctria.

B. Antennæ 3-articulatæ.

A. Abdomen non petiolatum.

a. Caput non depressum.

i. Abdomen medioeriter longum.

* Femora postica vix clavata.

† Thorax non gibbosus.

‡ Antennarum articulus 3us linearis. 3. Dasyponon.

‡‡ Antennarum articulus 3us clavatus.

4. Brachyrhopala.

†† Thorax gibbus, antice productus. - 5. Pseudorus.

** Femora postica clavata, valde hirsuta. 6. Euscelidia.

ii. Abdomen longissimum. - - - 7. Dolichodes.

a. Caput valde depressum. - - - 8. Discocephala.

B. Abdomen petiolatum. - - - - 9. Cabasa.

A. Oculi remoti. - - - - 10. Senobasis.

B. Oculi fere contigui. - - - - 11. Plesiomma.

Genus 1. CERATURGUS.

Antennæ capite longiores, articulis duobus obtusis brevibus terminatæ; articulus apicalis præcedente longior.

Ceraturgus, *Wied. Auss. Zweifl.* i. 414; *Macq.*

Dasyponon, p., *Fabr.*; *Wied. Dipt. Exot.*

Mediastinal vein ending beyond half the length of the wing. Subcostal ending beyond five-sixths of the length. Radial and cubital springing from a common petiole which proceeds from the subcostal at two-fifths of the length of the wing, and is less than one-eighth of their length. Cubital forked before two-thirds of its length, joined by a veinlet with the externo-medial before one-fourth of its length. First and third externo-medial springing from a common petiole at rather before half the length of the wing,

united again by a veinlet whose angle unites the second externo-medial. Fourth externo-medial and subanal springing from a common petiole at rather before half the length of the wing. Fourth externo-medial forming near its base an angle, where it is united by a veinlet with the third externo-medial. Subanal joining the anal at its tip. Discal areolet long, narrow, nearly pentagonal, very slightly widening outward.

North America.

1. CERATURGUS FASCIATUS.

Ceraturgus fasciatus, *Cat. of Diptera*, Pt 2, 367.

2. CERATURGUS AURULENTUS.

Auratus; *thorax vittis tribus nigris*; *abdominis segmenta basi nigra*; *pedes flavi*; *alæ limpidæ*.

Dasypogon aurulentus, *Fabr. Syst. Antl.* 166, 11. *Wied. Anal. Entom.* 12; *Dipt. Exot.* i. 228, 26.

Ceraturgus aurulentus, *Wied. Auss. Zweifl.* i. 414, 1, pl. 5, f. 5.

New York.

Mexico.

3. CERATURGUS NIGER.

Niger; *abdominis segmenta albo maculata*; *pedes fulvi*, *tarsorum articulis apice, tibiisque nigris*; *alæ flavescentes*.

Ceraturgus niger, *Macq. Dipt. Exot.* i. 2, 25, pl. 2, f. 1.

4. CERATURGUS RUFIPENNIS.

Fœm. Aureo-tomentosa; *abdomen nigrum*, *fasciis aureis interruptis, apice testaceum*; *pedes testacei*; *alæ fulvæ, apice sub-fuscæ*.

Ceraturgus rufipennis, *Macq. Dipt. Exot. Suppl.* 2, 32, 2.

Country unknown.

5. CERATURGUS? ANDOCIDES.

Ceraturgus? Andocides, *Cat. of Diptera*, Pt. 2, 367.

6. CERATURGUS? CORNUTUS.

Fœm. Badio-fuscus; antennarum articulus 3us longissimus, apice biarticulatus; thorax fulvus, vittis fuscis; abdomen flavido fasciatum; pedes anteriores rufescentes; alæ fuscæ, areolarum discis sublimpidis.

Dasypogon cornutus, Wied. Auss. Zweifl. i. 382, 25.

Genus 2. DIOCTRIA.

Corpus elongatum, cylindricum. Antennæ 5-articulatæ, capite multo longiores; articuli 4us et 5us æquales.

Dioctria, Fabr. Syst. Anth. 149; Latr.; Fall.; Meig.; Wied.; Macq.; Curt.; Zell.; Zett.; Loew.
Asilus, p., Linn.; Fabr. Ent. Syst.; Schr.; Gmel.

Mediastinal vein ending at much beyond half the length of the wing. Subcostal ending at about three-fourths of the length. Radial and cubital springing from a common petiole, which proceeds from the subcostal at about one-third of the length of the wing, and is less than one-fourth of their length. Cubital forked before two-thirds of its length, joined by a veinlet with the first externo-medial before one-third of its length. First and third externo-medial springing from a common petiole at much before half the length of the wing, united again by a veinlet, which near its fore end emits the second externo-medial. Fourth externo-medial and subanal springing from a common petiole at much before half the length of the wing; fourth externo-medial forming near its base an angle, where it is united by a veinlet with the third externo-medial; subanal ending near the tip of the anal. Discal areolet long, narrow, widening from the base to the tip.

Europe.

- | | | | | |
|--|---|---|---|---------------------------|
| A. Abdomen cupreo-aureum. | - | - | - | chalcogastra, <i>Duf.</i> |
| B. Corpus subcærulescens. | - | - | - | Harcyniæ, <i>Loew.</i> |
| C. Corpus atrum. | | | | |
| A. Pedes toti nigri. (<i>D. atricapilla, fœm., Var. Pedes ex parte rufescentes</i>). | | | | |

1. DIOCTRIA ŒLANDICA.

Nigra; thorax albido quadrivittatus; pedes rufi; tibiis apice tarsisque nigris; alæ in utroque sexu æqualiter nigricantes.

Asilus Œlandicus, Linn.

a—f. England. From Mr. Stevens' collection.

2. DIOCTRIA REINHARDI.

Nigra, nitida; thoracis dorsum lineis duabus angustis cinerascens; postice abbreviatis; femora tibiæque basi straminea.

Dioctria Reinhardi, Wied. *Meig. Zweifl.* ii. 247, 13, pl. 19, f. 19, 24. *Macq. Dipt. Nord. Asil.* 17, 8; *Hist. Nat. Dipt.* i. 291, 9. *Zeller, Isis*, 1840, 40, 5. *Loew, Linn. Ent.* ii. 412, 2. *Zett. Dipt. Scand.* viii. 2972.

a, b. England. From Mr. Stephens' collection.

c. Interlacken, Switzerland. Presented by F. Walker, Esq.

3. DIOCTRIA ATRICAPILLA.

Nigra, parum nitens; pedes sæpissime concolores; alæ dimidiatim sed indeterminate in mare atratæ, in fœmina fuscescentes.

Dioctria atricapilla, Meig.

a—f. England. From Mr. Stephens' collection.

Var. Nigra; facies orichalcea; thorax cinereus, nigro lineatus; abdomen incisuris albidis; pedes fulvi, postici nigri genubus fulvis; alæ hyalinæ; halteres flavi.

Dioctria geniculata, Meig.

4. DIOCTRIA HARCYNÆ.

Nigra, alis mystaceque in utroque sexu concoloribus; thorax et abdomen subcærulescentia nitida.

Dioctria Harcyniæ, Loew, *Ent. Zeit. Stett.* 1844, 381. *Linn. Ent.* ii. 416, 4.

Germany.

5. DIOCTRIA GAGATES.

Nigra, nitida; pedes concolores; facies albido micans; thorax lævis; genua fulva; alæ in mare dimidiatim nigræ, in fœmina pallide fuscæ.

Dioctria Gagates, Hoffm.; Meig.

Portugal.

6. DIOCTRIA SPECULIFRONS.

Nigra; nitida, facies submetallica, thoracis dorsum fusco tomentosum; vittis duabus flavis; alæ limpide; halteres flavi.

Dioctria speculifrons, Hoffm.; Meig. Zweifl. ii. 255, 28. Loew, Linn. Ent. ii. 419, 6.

Portugal.

7. DIOCTRIA COTHURNATA.

Nigra; facies orichalcea; thorax cinereus, nigro vittatus; pectoris latera maculis micantibus nullis; abdomen incisuris sæpe albidis; pedes fulvi, tibiis posticis tarsisque fuscis; alæ dilute fuscæ.

Dioctria cothurnata, Meig. Zett. Dipt. Scand. viii. 2973.

Var.? *Nigra; facies orichalcea; pedes fulvi, tibiis posticis tarsisque fuscis; alæ fuliginosæ.*

Dioctria infusata, Meig. Zweifl. ii. 252, 21.

France?

8. DIOCTRIA AURIFRONS.

Mas et fœm. *Nigra, nitida; facies et pectoris latera orichalcea; thoracis dorsum luridum, opacum, nigro vittatum; callus humeralis rufescens; abdomen cingulis flavo-testaceis; pedes flavo-testacei, tarsi subtus non punctatis.*

Dioctria humeralis, Zeller, Isis, 1840, 36, 3. Loew, Linn. Ent. ii. 422, 8.

Mas. *Alæ nigro-fuscae, apice hyalinae.*

Dioctria aurifrons, Gürtl.; Meig. *Zweifl.* ii. 252, 23.

Fœm. *Alæ fere limpidæ, margine antico flavicantes.*

Dioctria flavipennis, Meig. *Zweifl.* ii. 252, 22.

Austria.

9. DIOCTRIA RUFIPES.

Nigra; tuberculus frontalis permagnus; thorax cano bivittatus, lateribus flavo-albo notatis; antennarum articulus 1us 2o duplo longior; pedes rufi, tarsorum articulis apice pedibusque posticis nigris; alæ subhyalinae.

Asilus rufipes, Deg.

a—f. England. From Mr. Stephens' collection.

g, h. Interlaken, Switzerland. Presented by F. Walker, Esq.

10. DIOCTRIA WIEDEMANNI.

Nigra; facies fulva; thoracis discus cinereus, nigro lineatus; alæ fuscanae; pedes testacei.

Dioctria Wiedemanni, Meig. *Zweifl.* ii. 241, 2.

South France.

11. DIOCTRIA FLAVIPES.

Nigra; facies nivea; thorax cinereo trivittatus; abdomen segmentis apice fulvis, maris 3o et 4o basi fulvis; pedes flavi, femoribus posticis sæpissime litura sublineari nigra superius signatis, tibiis posticis nonnunquam nigris, tarsis fulvis aut nigris; alæ limpidæ.

Dioctria flavipes, Meig. *Zett. Dipt. Scand.* viii. 2974.

Var. *Abdomen fasciis duabus ferrugineis.*

Dioctria cingulata, Zett. *Dipt. Scand.* viii. 2975.

a—d. England. From Mr. Stephens' collection.

e. Interlaken, Switzerland. Presented by F. Walker, Esq.

12. DIOCTRIA BAUMHAUERI.

Nigra ; *facies* *nivea* ; *thorax* *cinereus*, *nigro vittatus* ; *pedes anteriores fulvo nigroque varii*, *postici fulvi* ; *alæ hyaline* ; *halteres fulvi*.

Dioctria Baumhaueri, *Meig.*

a—f. England. From Mr. Stephens' collection.

13. DIOCTRIA LINEARIS.

Mas et fœm. Nigra, gracilis ; *abdomen cingulis pallide testaceis* ; *pedes pallide testacei*, *postici fusco variegati* ; *tarsi omnes subtus obscure punctati*.

Dasypogon linearis, *Fabr. Syst. Antl.* 389, 60. *Meig. Zweifl.* vi. 330. *Loew, Linn. Ent.* ii. 432, 12.

Germany.

14. DIOCTRIA BICINCTA.

Nigra ; *facies orichalcea* ; *abdomen annulis duobus flavis* ; *pedes fulvi*, *tibiis posticis tarsisque fuscis* ; *alæ fuliginosæ*.

Dioctria bicincta, *Meig. Zweifl.* ii. 251, 20, pl. 19, f. 20.

France ?

15. DIOCTRIA ANNULATA.

Nigra ; *facies orichalcea* ; *abdomen fasciis duabus flavis* ; *pedes fulvi*, *femoribus posticis nigro lineatis*, *tibiis posticis tarsisque fuscis* ; *alæ hyalinæ*.

Dioctria annulata, *Meig. Zweifl.* ii. 251, 19, pl. 19, f. 19.

16. *DIOCTRIA GRACILIS*.

Nigra, nitens; facies orichalcea; thoracis dorsum nitidum; pectoris latera fascia anteriore integru; pedes fulvi, tibiis posticis tarsisque nigro-fuscis, metatarso postico crassissimo; alæ hyalinæ, vix subfuscescentes; halteres flavi.

Dioctria gracilis, Meig. *Zweifl.* ii. 248, 15. Macq. *Dipt. Nord. Asil.* 18, 9; *Hist. Nat. Dipt.* i. 291, 10. Loew, *Linn. Ent.* ii. 333, 13.

South France. North Africa.

17. *DIOCTRIA LATERALIS*.

Nigra; facies orichalcea; antennarum articulus 3us præcedentibus conjunctis æqualis; thoracis dorsum nitidum; pectoris latera fascia micante anteriore superius late interrupta; abdomen basi vix coarctatum, plerumque luteo cingulatum, interdum unicolor; pedes fulvi, femoribus posticis nigro cinctis, tibiis tarsisque posticis fuscis; alæ hyalinæ; halteres flavi.

Dioctria lateralis, Meig. *Klass. Zweifl.* i. 258, 8 (ex parte); *Zweifl.* ii. 11, 249, 16. Macq. *Dipt. Nord. Asil.* 18, 10; *Hist. Nat. Dipt.* i. 291, 11. Loew, *Progr.* 1840, 14, 7; *Isis*, 1840, 536, 7; *Linn. Ent.* ii. 435, 14.

Asilus hæmorrhoidalis, Meig. *Klass. Zweifl.* i. 270.

Dioctria hæmorrhoidalis, Meig. *Zweifl.* ii. 250, 18. Macq. *Dipt. Nord. Asil.* 19, 13; *Hist. Nat. Dipt.* i. 292, 13. Zeller, *Isis*, 1840, 41, 6.

a, b. England. From Mr. Stephens' collection.

18. *DIOCTRIA LONGICORNIS*.

Nigra; facies aurea; antennæ capite duplo longiores; articulus 3us præcedentibus conjunctis multo longior; pedes fulvi, postici nigri; alæ hyalinæ; halteres flavi.

Dioctria lateralis, Meig. *Klass. Zweifl.* i. 258, 8 (ex parte). Macq. *Dipt. Nord. Asil.* 19, 11; *Hist. Nat. Dipt.* i. 291, 12. Loew, *Linn. Ent.* ii. 437, 16.

Dioctria lateralis (frontalis in tab.), *Panz. Faun. Ins. Germ.* xcviii. 21.

Dioctria longicornis, *Meig. Zweifl.* ii. 249, 17, pl. 19, f. 18.

a. Aix-la-Chapelle. Presented by F. Walker, Esq.

19. DIOCTRIA CALCEATA.

Nigra; *facies nivea*; *thorax cinereus vittis nigris*; *abdominis segmenta 2um, 3um et 4um fulva*; *pedes fulvi*; *tarsis fuscis*; *alæ fuscescentes*.

Dioctria calceata, *Megerle*; *Meig. Zweifl.* ii. 253, 24. *Loew, Linn. Ent.* ii. 438, 16.

Austria. Italy.

20. DIOCTRIA MELAS.

Atra; *abdomen depressum, concolor*; *arista subulata*; *pedes anteriores cinereo hirsuti*; *tibiæ posticæ clavatæ*; *tarsorum posteriorum articulus lvs incrassatus, oblongus*; *reliquis suburceolati*; *alæ atræ*; *halteres flavî*.

Dioctria melas, *Duf. Ann. Soc. Ent. Fr. 2me Sér.* viii. 148, 11, pl. 6, f. 10.

Madrid.

21. DIOCTRIA CHALCOGASTRA.

Atra; *abdomen depressum, cupreo-aureum, nitidum, subtus aurco villosum*; *tibiæ posticæ incrassato clavatæ*; *tarsorum posteriorum articulus lvs incrassatus ovatus, reliqui globosi*; *alæ atræ*; *halteres flavî*.

Dioctria chalcogastra, *Duf. Ann. Soc. Ent. Fr. 2me Sér.* viii. 146, 10, pl. 6, f. 9.

Valentia; Madrid.

South Russia.

22. DIOCTRIA PICTA.

Mas. *Nigra ; facies nivea ; abdomen incisuris citrinis maculisque in singulo segmento binis transversis albis.*

Dioctria picta, Wied. *Dipt. Exot.* i. 180, 1; *Auss. Zweifl.* i. 364, 1.

North America.

23. DIOCTRIA ALBIUS.

Dioctria Albius, *Cat. of Diptera*, Pt. 2, 301.

New York.

24. DIOCTRIA OCTOPUNCTATA.

Nigra ; thorax flavido vittatus ; abdomen utrinque maculis quatuor albis ; pedes mellei.

Dioctria octopunctata, Say, *Journ. Acad. Philad.* iii. 49, 1. Wied. *Auss. Zweifl.* i. 365, 3.

North America.

South America.

25. DIOCTRIA TENUIS.

Dioctria tenuis, *Diptera Saundersiana*, Pt. 2, 86.

a, b. South America. From Mr. Saunders' collection.

26. DIOCTRIA VICINA.

Nigra, nitida ; facies albida ; pedes rufi, femoribus anticis fascia nigricante ; alæ nigræ.

Dioctria vicina, Macg. *Dipt. Exot.* i. 2, 26, 2.

Dioctria celandica, Var.?

Brazil.

Africa.

- A. *Corpus cyaneum*. - - - - - *cyanea*, *Fabr.*
 B. *Corpus nigrum*.
 A. *Corpus maculatum*. - - - - - *costalis*, *Wied.*
 B. *Corpus non maculatum*. - - - - - *flavipennis*, *Macq.*

27. DIOCTRIA CYANEA.

Fusca; abdomen et alæ cyanea.

Dioctria cyanea, *Fabr.*

South Africa.

28. DIOCTRIA COSTALIS.

Mas. Nigra; thorax rufo maculatus; abdomen flavo maculatum; alæ ad costam dimidiato fusæ.

Dioctria costalis, *Wied. Zool. Mag. iii. 6, 8; Dipt. Exot. i. 180, 3; Auss. Zweifl. i. 365, 2.*

Cape.

29. DIOCTRIA FLAVIPENNIS.

Mas. Atra; facies, thoracis lineæ tres, pedesque fulva; alæ pallide fulvæ.

Dioctria flavipennis, *Macq. Dipt. Exot. i. 2, 25, 1, pl. 2, f. 2.*

Cape.

Australia.

30. DIOCTRIA TASMANICA.

Dioctria Tasmanica, *Saunders, Diptera Saundersiana, Pt. 2, 85.*

a. Van Dieman's Land. From Mr. Saunders' collection.

31. DIOCTRIA? CONOPSOIDES.

Nigra ; *caput flavum* ; *thorax flavo maculatus* ; *abdomen fasciis rufis* ; *pedes rufi*.

Asilus conopsoides, *Fabr. Mant. Ins.* ii. 361, 37 ; *Ent. Syst.* iv. 389, 59.

Dioctria conopsoides, *Fabr. Syst. Antl.* 151, 9.

New Holland.

Country unknown.

32. DIOCTRIA HORSLEYI.

Dioctria Horsleyi, *Saunders, Diptera Saundersiana*, Pt 2, 86.

Genus 3. DASYPOGON.

Caput non depressum. Antennæ triarticulatæ. Thorax non gibbosus. Abdomen mediocriter longum, non petiolatum. Femora postica vix clavata.

Dasypogon, p., *Fabr. Syst. Antl.* ; *Latr.* ; *Panz.* ; *Fall.* ; *Meig.* ; *Curt.* ; *Zell.* ; *Zett.* ; *Loew.*

Asilus, p., *Linn.* ; *Fabr. Ent. Syst.* ; *Schr.* ; *Gmel.* ; *Panz.*

Dioctria, p., *Fabr.*

Dasypogon et *Microstylum*, *Xiphocera* et *Acnephalum*, *Macq.*

Dasypogon, *Megapollyon*, *Proleptis*, *Euarmostus* et *Morimna*, *Walk.*

Mediastinal vein ending at a little before two-thirds of the length of the wing. Subcostal ending at beyond seven-eighths of the length. Radial and cubital springing from a common petiole, which proceeds from the subcostal at about one-fourth of the length of the wing, and is less than one-sixth of their length. Cubital forked a little before two-thirds of its length, joined by a veinlet with the first externo-medial a little before one-third of its length. First and third externo-medial springing from a common petiole at much before half the length of the wing, united again by a veinlet whose angle emits the second externo-medial. Third externo-medial extending to the hind border in some species ; in others inclined

hindward, and joining the fourth externo-medial near the tip of the latter. Fourth externo-medial and subanal springing from a common petiole at about half the length of the wing; fourth externo-medial forming near its base an angle, where it is united by a veinlet with the third externo-medial; subanal ending close to the tip of the anal. Discal areolet narrow, very long, nearly triangular, widening from the base to the tip. The wing-veins of the species of this genus are subject to great variation. The forks of the cubital vein diverge more or less from each other, and the fore branch is more or less straight or curved or angular, and in some cases emits the stump of a vein from its angle. The first externo-medial is generally parallel to the hind branch of the cubital, but in some species is united with it. The second externo-medial very generally springs from a veinlet between the first and the third externo-medial, but in one species appears as the fork of the first externo-medial. The third externo-medial generally proceeds straight to the border, but is often inclined to the fourth, and in some species joins the latter on the border, or at some distance from it. The subanal usually joins the anal on the border; in a few species it is separate from it, or is united to it at a distance from the border. In one species there is a veinlet between the first and second externo-medial veins, and thereby an additional areolet is formed in front of the discal areolet.

Europe and Asia Minor.

Div. I. Tibiæ anticæ apice calcaratæ.

Group 1. SAROPOGON.

Species præ cæteris nudæ. Facies æqualiter lata. Mystax flabelli formis, faciem non transiens. Antennæ approximatæ; arista semper brevissima, structuræ variæ. Thorax non valde elevatus, setis dorsalibus abbreviatis. Abdomen longum, *maris* magis cylindricum, *feminae* magis planum. Pedes sat graciles; tibiæ posticæ non incrassatæ.

Saropogon, *Loew, Linn. Ent.* ii. 439.

A. *Mystax niger*.A. Antennarum articulus 3us præcedentibus conjunctim duplo longior. - - - - - eucerus, *Loew*.B. Antennarum articulus 3us præcedentibus conjunctim non duplo longior. - - - - - jugulum, *Loew*.B. *Mystax flavescens*.A. Femora nigra. - - - - - platynotus, *Loew*.B. Femora rufa. - - - - - luctuosus, *Hoffm*.

1. DASYPOGON EUCERUS.

Mas. *Mystax niger*; antennarum articulus 3us præcedentibus conjunctim duplo longior.*Dasygogon eucerus*, *Loew*, *Linn. Ent.* ii. 440, 1.

Mormeriza and Makri, Asia Minor.

2. DASYPOGON JUGULUM.

Mas.—*Mystax niger*; pedes nigro flavoque varii. Fœm.—Abdomen rufo fasciatum.*Dasygogon jugulum*, *Loew*, *Linn. Ent.* ii. 441, 2.

Isle of Rhodes and the neighbouring coast of Asia Minor.

3. DASYPOGON PLATYNOTUS.

Mas.—*Mystax pallide flavescens*; femora nigra. Fœm.—Abdomen nigrum; femora basi nigra.*Dasygogon platynotus*, *Loew*, *Linn. Ent.* ii. 443, 3.

Makri and Patara, Asia Minor.

4. DASYPOGON LUCTUOSUS.

Niger; pedes rufi. Mas.—*Mystax flavescens*; alæ nigricantes. Fœm.—Abdomen nigrum; alæ pallidiores.*Dasygogon luctuosus*, *Hoffm. Meig. Zweifl.* ii. 259, 3. *Loew*, *Linn. Ent.* ii. 446, 4.

Italy. Portugal.

Group 2. DASYPOGON.

Præcedenti similis, at mystax ad faciei medium ascendens, et inde usque ad antennas pilis sparsis abbreviatis instructus.

Dasypogon, *Loew, Linn. Ent. ii. 448.*

A. Thorax aureo varius.

A. Facies flava. Alæ flavescentes. - - teutonus, *Linn.*

B. Facies alba. Alæ hyalinæ. - - leucocephalus, *Meig.*

B. Thorax non auratus.

A. Humeri prominuli.

A. Tarsi ferruginei. *Mas.*—Abdomen supra nigrum.

Diadema, Fabr.

B. Tarsi nigri. *Mas.*—Abdomen supra rufum. variabilis, *Brullé.*

B. Humeri non prominuli. - - cylindricus, *Fabr.*

C. Corpus ferrugineum. Abdomen basi inaculisque lateralibus nigris. - - - - - analis, *Fabr.*

5. DASYPOGON TEUTONUS.

Mas et Fœm. Niger; facies, thoracis margo lateralis et pleurarum maculæ magnæ aureo micantes.

Asilus teutonus, Linn.

Central and Southern Europe.

6. DASYPOGON LEUCOCEPHALUS.

Niger; facies, thoracis latera et abdominis puncta lateralia alba pedes fulvi, femoribus posticis apice tarsisque nigris; alæ hyalinæ, ad costam fuscæ.

Dasypogon leucocephalus, Meig. Zweifl. ii. 259, 2, pl. 10, f. 10. Macq. Hist. Nat. Dipt. i. 293, 3.

South France.

7. DASYPOGON DIADEMA.

Mas.—*Ater ; pedes et alæ concolores ; humeri prominuli.* Fœm.—*Nigra, pilis occipitis prothoracisque pallidis, nigris interdum parce admixtis ; abdomen cingulis 3—6 superius rufo-ferrugineis ; pedes interdum picei.*

Dasypogon Diadema, Fabr.

Dasypogon punctatus, var. umbrosa, Brullé, Expéd. Scient. de Morée, iii. 1, 292, 631, pl. 46, f. 2.

Central and Southern Europe. Asia Minor. Australia.

8. DASYPOGON VARIABILIS.

Mas et Fœm. *Nigro-violascente micans ; abdomen nitidum, rufo plus minusve fasciatum, segmentis 20—50 macula utrinque laterali albida ; pedes nigri.* Mas.—*Mystax et facies inferior nigra ; alæ obscure violaceæ.* Fœm.—*Mystax et facies inferior albido-flava ; alæ flavescentes.*

Dasypogon variabilis, Brullé, Expéd. Scient. de Morée, iii. 1, 292, 632, pl. 46, f. 4.

Calamata.

9. DASYPOGON CYLINDRICUS.

Mas.—*Ater ; pedes et alæ concolores humeri non prominuli.* Fœm.—*Niger pilis occipitis prothoracisque nigris, vix unquam pallidis aliquot admixtis ; abdomen cingulis 3—5 superius semper rufo-ferrugineis ; pedes rufi, interdum nigricantes.*

Asilus cylindricus, Fabr. Ent. Syst. iv. 381, 24. Meig. Klass. i. 267.

Dasypogon cylindricus, Fabr. Syst. Antl. 165, 6. Meig. Zweifl. ii. 262, 7. Macq. Dipt. Nord. Asil. 24, 4. Loew, Linn. Ent. ii. 451, 7.

Dasypogon fasciatus, Meig. Zweifl. ii. 261, 5. Macq. Dipt. Nord. Asil. 24, 3.

Central and Southern Europe.

10. DASYPOGON ANALIS.

Ferrugineus; thorax nigro vittatus; abdomen basi nigrum, segmentorum marginibus utrinque albis; alæ flavescentes.

Asilus analis, *Fabr. Ent. Syst.* iv. 377, 4. *Meig. Klass. Zweifl.* i. 265, a.

Dasygogon analis, *Fabr. Syst. Antl.* 164, 1. *Meig. Zweifl.* ii. 263, 8. *Macq. Hist. Nat. Dipt.* i. 294, 4.

Italy.

Div. II. Tibiæ anticæ apice non calcaratæ.

Sub-div. I. Corpus elongatum.

Group 3. STENOPOGON.

Species gracillimæ, præ cæteris tantum pilosæ. Caput non-nihil altius quam latum. Facies minima, supra contracta, tuberculis magnis subcarinatis, postice extensis. Mystax setis validis, supra brevioribus, fere ad antennis ascendens. Frons æqualiter lata, at minima. Antennæ valde approximatae, sat graciles; arista medio-criter longa, aut subelongata. Oculi valde elevati, non remoti. Proboscis præ cæteris robusta et porrecta. Thorax medio-criter gibbosus, pilis antice abbreviatis postice setis longis. Abdomen gracile, cylindricum, sat nudum. Pedes longi, sat graciles; femora plus minusve incrassata, subtus (antice præsertim) plus minusve setosa; tibiæ posticæ simplices, apice non incrassatæ. *Mas.*—Sexualia præ cæteris parva.

Stenopogon, *Loew, Linn. Ent.* ii. 453.

A. Corpus nigrum.

A. Pedes rufi. - - - - - coracinus, *Loew.*

B. Pedes nigri. - - - - - milvus, *Loew.*

B. Corpus cinereum.

A. Vena cubitalis et externo-media 1a valde convergentes.
elongatus, *Meig.*

B. Vena cubitalis et externo-media 1a parum convergentes.
callosus, *Wied.*

C. Corpus flavo-cinereum.

A. Antennæ nigrae. - - - - - ochreatus, *Loew.*

B. Antennæ maxima ex parte rufæ. - - - sabaudus, *Fabr.*

11. DASYPOGON CORACINUS.

Fœm. *Ater ; pedes rufi ; alæ nigricantes.*

Dasygogon coracius, Loew, Linn. Ent. ii. 454, 8.
Italy.

12. DASYPOGON MILVUS.

Mas et Fœm. *Nigricans, cinereo pilosus ; tibiæ basi tarsique badia ; alæ obscure fusæ.*

Dasygogon milvus, Loew, Linn. Ent. ii. 454, 9.
Rhodes. Isle of Leros.

13. DASYPOGON ELONGATUS.

Mas et Fœm. *Cinereus ; alarum vena cubitalis et vena externo-media 1a apice valde convergentes.*

Dasygogon elongatus, Meig.
South Europe and Asia Minor.

14. DASYPOGON CALLOSUS.

Mas. *Cinereus ; alarum vena cubitalis et vena externo-media 1a apice parum convergentes.*

Asilus callosus, Wied. Zool. Mag. i. 2, 30. Meig. Zweifl. ii. 333, 42.

Dasygogon callosus, Loew, Linn. Ent. ii. 458, 11.
North and Southern Russia.

15. DASYPOGON OCHREATUS.

Mas et Fœm. *Flavo-cinereus ; antennæ nigræ ; abdomen nigrum, maculis dorsalibus maximis rufo-ferrugineis.*

Dasygogon ochreateus, Loew, Linn. Ent. ii. 459, 12.
Greece. Asia Minor.

16. DASYPOGON SABAUDUS.

Mas et Fœm. *Cinereo-flavus; antennæ maxima ex parte rufa; abdomen superius aurantiacum; mas, alarum angulus posterior albidus.*

Asilus sabaudus, Fabr.

South Europe.

Group 4. HABROPOGON.

Species minores, longæ, gracillimæ. Facies et frons mediocriter at omnino æqualiter latæ. Facies subtus nonnihil tumida, tuberculis propriis nullis. Mystax densus, albus, usque ad faciei mediam ascendens. Antennæ approximatæ, sat breves; arista mediocriter longa. Thorax sat convexus. Abdomen *feminæ* præsertim elongatum et attenuatum. Pedes validiusculi; femora, necnon tibiæ posticæ apice subincrassata; femora subtus pilosa, non setosa; metatarsus anticus aut intermedius articulo 2o, 3o, aut 4o vix longior; metatarsus posticus articulis 2o 3oque conjunctis vix brevior; articulus 2us brevis, subiucrassatus.

Habropogon, Loew, Linn. Ent. ii. 463.

17. DASYPOGON EXQUISITUS.

Mas et Fœm. *Thoracis dorsum fusco albidoque varium; femora satis incrassata.*

Dasygogon exquisitus, Loew, Linn. Ent. ii. 464, 14. Meig. Zweifl. ii. 267, 14, fœm.

Dasygogon rutilus, Meig. Zweifl. vii. 70, 46, mas.

Italy. Sicily. Spain.

18. DASYPOGON LONGIVENTRIS.

Mas et-Fœm. *Thorax fusco cinereoque varius; femora parum incrassata.*

Dasygogon longiventris, Loew, Linn. Ent. ii. 467, 15.

Asia Minor. Isles of Greece.

Group 5. XIPHOCERUS.

Species sat graciles. Corpus pubescens. Caput mediocriter crassum. Facies mediocriter et æqualiter lata, versus os nonnihil elevata, tuberculis nullis. Frons sat lata. Ocellorum tuberculi non bene determinati. Mystax densus, brevis, faciei partem inferiorem tantum occupans. Proboscis brevis, crassa, apice thoracem versus arcuata. Palpi articulo ultimo subincrassato. Antennæ longæ aut longissimæ; articulus 2us præ 1o brevissimus; 3us 1o 2oque conjunctis plus duplo longior, arista brevissima aut indistincta. Thorax mediocriter arcuatus. Abdomen cylindricum, postice non valde attenuatum. Pedes graciles, nudiusculi, setulæ longiores breves, raræ, apud tibiae posticas tantum conspicuæ; metatarsus valde elongatus.

Xiphocernus, *Loew, Linn. Ent.* ii. 470.

Xiphocera, *Macq. Hist. Nat. Dipt.*

19. DASYPOGON GLAUCIUS.

Mas et Fœm. *Abdominis segmenta omnia glauco fasciata, postice flavo marginata.* Mas.—*Nigricans; pedes concolores.* Fœm.—*Nigricans; thoracis margo lateralis pedesque rufo-testacei.*

Asilus glaucius, Rossi.

Italy. Sicily. Albania. Siberia.

Group 6. HOLOPOGON.

Species parvæ, tenues. Corpus nigrum, tenuiter at comparate longe pilosum; abdominis dorsum omnino breviter pilosum. Caput præ cæteris mediocriter latum. Frons supra postice paullo latior. Vertex parum incrassata. Facies mediocriter et æqualiter lata, subconvexa, tuberculis nullis. Mystax usque ad antennas ascendens. Antennæ approximatae, graciles; articuli 1us et 2us fere æquales; arista sat longa aut longissima. Thorax brevis, valde convexus, pulverens. Pedes anteriores graciles, metatarso longiusculo; postice femoribus non incrassatis, tibiis valde clavatis, tarsi (metatarso præsertim) incrassatis. Femora tenuiter pilosa; tibiæ tarsique setis longioribus. Mas.—Abdomen magis cylindricum, sæpe nonnihil compressum. Sexualia parva. Fœm.—Abdomen nonnihil depressum.

Holopogon, *Loew, Linn. Ent.* ii. 474.

A. Alæ nigræ ant nigricantes.

A. Alæ maris basi albæ.

a. Abdomen *maris* omnino atrum. - nigripennis, *Meq.*b. Abdomen postice tomento flavido-cinereo. - venustus, *Rossi.*

B. Alæ non basi albæ.

a. Abdomen maculis flavo micantibus. - sculus, *Maeq.*

b. Abdomen maculis nullis flavo micantibus.

a. Thorax maculis duabus subcinereis. - dimidiatus, *Meig.*

b. Thorax maculis quatuor subcinereis.

i. Thorax vitta media. - - - timidus, *Loew.*ii. Thorax non vittatus. - - - fumipennis, *Meig.*B. Alæ hyalinæ, venis fusco limbatis. - Macquarti, *Perris.*C. Alæ purissime hyalinæ. - - - clavipes, *Loew.*

20. DASYPOGON DIMIDIATUS.

Mas et Fœm. *Niger, nitens, maculis duabus minutis in thoracis dorso interscapularibus cinerascentibus, interdum minus distinctis; alæ nigræ, apice hyalinæ.*

Dasytogan dimidiatus, Meig. Zweifl. ii. 280, 34, mas. Loew, Linn. Ent. ii. 474, 17.

Dasytogan fuscipennis, Meig. Zweifl. ii. 280, 35, fœm.

Italy. Sardinia. Austria.

21. DASYPOGON TIMIDUS.

Mas. *Thorax linea longitudinali media, maculis duabus humeralibus alterisque lateralibus fusco-cinereis; alæ nigricantes, apice dilutiores.*

Dasytogan timidus, Loew, Linn. Ent. ii. 475, 18.

Italy.

22. DASYPOGON NIGRIPENNIS.

Mas et Fœm. *Alæ nigricantes. Mas.—Alæ basi albæ; abdomen omnino atrum. Fœm.—Thoracis dorsum maculis cinerascentibus interscapularibus postscapularibusque connexis.*

Dasypogon nigripennis, *Meg. Meig. Zweifl.* ii. 278, 29. *Germ. Faun. Ins.* ix. 23. *Loew, Isis*, 1840, 536, 2; *Linn. Ent.* ii. 476, 19.

Central Europe.

23. DASYPOGON VENUSTUS.

Mas et Fœm. *Alæ nigræ.* Mas.—*Abdomen postice tomento flavido-cinereo tectum; alæ basi albæ.* Fœm.—*Thoracis dorsum maculis fusco-cinereis interscapularibus distinctissimis, postscapularibus nullis.*

Asilus venustus, *Rossi, Faun. Etrusc.* ii. 328, 1568, pl. 7, f. 7.

Asilus minutus, *Fabr. Ent. Syst.* iv. 390, 63. *Meig. Klass. Zweifl.* i. 249, 6.

Dioctria minuta, *Fabr. Syst. Antl.* 152, 14.

Dasypogon Iris, *Meig. Klass. Zweifl.* i. 253, 5.

Dasypogon minutus, *Meig. Zweifl.* ii. 277, 28. *Macq. Dipt. Nord. Asil.* 26, 7; *Hist. Nat. Dipt.* i. 299, 23. *Loew, Linn. Ent.* ii. 479, 20.

France and Italy.

24. DASYPOGON SICULUS.

Mas.—*Abdominis cingula 3um et 4um tomento flavo-cinereo vestita; alæ dilute cinereo-nigricantes.* Fœm.—*Thoracis dorsum antice lineolis quatuor cinerascentibus signatum; abdominis segmenta 3um et 4um maculis binis tomentosius flavo micantibus.*

Dasypogon siculus, *Macq. Hist. Nat. Dipt.* i. 300, 27. *Meig. Zweifl.* vii. 72, 49. *Loew, Linn. Ent.* ii. 481, 21.

Sicily.

25. DASYPOGON FUMIPENNIS.

Mas et Fœm. *Thoracis dorsum maculis cinerascentibus interscapularibus postscapularibusque connexis.* Mas.—*Alæ dilutissime cinereo-nigricantes.* Fœm.—*Alæ dilute nigricantes.*

Dasypogon fumipennis, *Meg. Meig. Zweifl.* ii. 278, 30, fœm. *Macq. Hist. Nat. Dipt.* i. 299, 24. *Zell. Isis*, 1840, 45. *Loew, Linn. Ent.* ii. 482, 22.

Dasypogon albipilus, *Meig. Zweifl.* ii. 281, 36, mas.

Central and Southern Europe.

26. DASYPOGON CLAVIPES.

Mas et Fœm. *Alæ purissime hyalinæ.*

Dasygogon clavipes, *Loew, Isis*, 1840, 537, 4; *Linn. Ent.* ii. 486, 23.

Dasygogon priæus?? *Meig. Zweifl.* ii. 279, 32.

Dasygogon laniger 1 *Zell. Isis*, 1840, 45.

Germany.

27. DASYPOGON MACQUARTI.

Nigricans; caput cinereo-fuscum; mystax pilis nigris albis et rufescentibus; barba alba; thorax vittis tribus obscurioribus, lateribus cinereis; abdomen albo pilosum, segmentis cinereo-fasciatis; pedes albo pilosi, nigro spinosi; alæ hyalinæ, venis fusco limbatis; halteres albido-flavi.

Dasygogon Macquarti, *Perris, Ann. Soc. Linn. Lyon*, 1850—52 199.

Grandes-Landes, France.

Note.—This species may belong to some other group of Dasygogon.

Group 7. ERIOPOGON.

Aspectu Holopogoni nonnihil affinis; capitis structura omnino similis. Antennæ manifestæ graciliores; articulus 2us præ 1o brevissimus; 3us cum arista gracillimus. Species minores, pube tenui at densa et apud abdominis dorso longa vestitæ. Pedes structura gracili; tibiæ posticæ non clavatæ; tarsi postici vix incrassati.

Mas.—Sexuali minima.

Eriopogon, *Loew, Linn. Ent.* ii. 487.

28. DASYPOGON LANIGER.

Mas. Abdomen undique longissime albo lanatum; alæ purissime hyalinæ.

Dasygogon laniger, *Meig. Zweifl.* ii. 282, 39. *Loew, Linn. Ent.* ii. 487, 24.

Portugal.

Group 8. HETEROPOGON.

Species nigræ, mediocriter hirtæ, mediæ magnitudinis. Caput latissimum, brevissimum, non elevatum. Facies æqualiter et maxime lata, tuberculis nullis. Frons postice vix latescens sed apud verticem valde excavata, ocellarum tuberculis abrupte extantibus. Mystax peristomate fere usque ad antennis ascendens, setis longioribus et validioribus inferioribus, hirsutie tenui et non densissima superiori. Antennæ valde approximatae; articuli 1us et 2us mediocres, æquales; 3us gracilis, arista longa acuta. Thorax brevis, fere gibbosus. Abdomen supra depressum fere nudum, fasciis ferrugineis plus minusve latis. Pedes mediocriter graciles et setosi; femora non incrassata; tibiæ posticæ apice crassæ; tarsi postici anticis paullo breviores; metatarsus elongatus. *Mas.* — Tibiæ intermediæ et tarsi antichi hirsutie propria ornata.

Heteropogon, *Loew, Linn. Ent.* ii. 488.

- | | | |
|--|-------|--------------------------|
| A. Alæ infuscatæ, margine antico flavo. | - | manicatus, <i>Meig.</i> |
| B. Alæ æqualiter nigræ. | - - - | scoparius, <i>Loew.</i> |
| C. Alæ subhyalinæ, venis nigro limbatis. | - | succinctus, <i>Loew.</i> |

29. DASYPOGON MANICATUS.

Mas et Fœm. Alæ infuscatæ, margine anteriore flavo. Mas.—Metatarsi antichi niveo pilosi.

Dasygogon manicatus, Meig. Zweifl. ii. 268, 16. *Macq. Hist. Nat. Dipt.* i. 296, 13. *Loew, Linn. Ent.* ii. 488, 25.

France. Piedmont.

30. DASYPOGON SCOPARIUS.

Mas et Fœm. Alæ æqualiter nigræ. Mas.—Tarsi antichi articulis 2o, 3o et 4o extus niveo pilosi.

Dasygogon scoparius, Loew, Linn. Ent. ii. 489, 26.

Mermeriza, Asia Minor.

31. DASYPOGON SUCCINCTUS.

Fœm. *Thoracis dorsum antice brevissime pilosum ; alæ subhyalinae, venis distinctissime nigro limbatis.*

Dasygogon succinctus, Loew, Linn. Ent. ii. 91, 27.

Brusa, Asia Minor.

Group 9. ISOPOGON.

Caput inferum, brevissimum, latissimum. Facies æqualiter et maxime lata, tuberculis nullis. Frons postice vix latior, apud verticem valde excavata, ocellarum tuberculis abrupte extantibus. *Mystax* pilis structura omnino æqualibus, fere ad antennis ascendentibus, supra vix densis. Antennæ approximatae ; articuli 1us et 2us æquales, breves ; 3us gracilis, arista longa. Thorax brevis, altissimus. Abdomen hirsutiae brevissima. Pedes mediocriter graciles ; femora postica anticis nonnihil crassiora ; metatarsus plus minusve incrassatus. *Mas.*—Sexualia parva. *Fœm.*—Abdominis segmentum 5um acuminatum ; 6um, 7um et 8um minima, oviductum porrectum fugientes.

Leptarthrus, Steph.

Iso Pogon, Loew, Linn. Ent. ii. 492.

32. DASYPOGON BREVIROSTRIS.

Mas et Fœm. Mystax niger. Mas.—Metatarsus posticus articulis sequentibus conjunctis multo longior.

Dasygogon brevirostris, Meig.

North and Central Europe.

33. DASYPOGON VITRIPENNIS.

Mas. Metatarsus posticus articulis sequentibus conjunctis vix æqualis. Fœm.—Mystax tenuis, flavido-cinereus.

Asilus hottentottus? Fabr. Ent. Syst. iv. 388, 7. Meig. Klass. Zweifl. i. 270.

Dioctria hottentotta? *Fabr. Syst. Antl.* 151, 7.

Dioctria hyalipennis, *Meig. Klass. Zweifl.* i. 255, 2.

Dasypogon vitripennis, *Meig. Zweifl.* ii. 274, 25. *Zett. Dipt.*

Scand. i. 180, 5. *Loew, Linn. Ent.* ii. 495, 29.

North and Central Europe.

Group 10. OLIGOPOGON.

Corporis statura Hyboti et *Dioctriæ* similis. Caput præsertim humile et latum, fere ut in *Discocephala* at paullo longius. Facies æqualiter et mediocriter lata, subconvexa, tuberculis nullis. Frons postice vix latescens, apud verticem valde excavata; ocellarum tuberculi valde extantes. Mystax ad faciem mediam ascendens, setis paucis et mediocriter validis. Antennæ valde approximatae; articuli 1us et 2us brevissimi, fere æquales; 3us gracilis, arista mediocriter longa, pilis validis vestita. Proboscis porrecta, mediocriter longa. Thorax valde convexus, breviter et rare pilosus. Abdomen depresso-cylindricum, gracile, fere nudum. Pedes sat graciles; postici femoribus subincrassatis, tibiis subclavatis; metatarsus nonnihil elongatus. *Mas.*—Sexualia parva.

Oligopogon, *Loew, Linn. Ent.* ii. 497.

34. DASYPOGON HYBOTINUS.

Mas et Fœm. Niger, nitidus; alæ limpida; tibiæ ferrugineæ, apice nigro-fuscæ.

Dasypogon hybotinus, *Loew, Linn. Ent.* ii. 498, 30.

Isle of Rhodes.

Group 11. STICHOPOGON.

Species elongatae, depressae, nudiusculae, plerumque mediocres. Facies brevissima, mediocriter lata, supra nonnihil contracta, tuberculis nullis. Frons supra inusitate dilatata, antice subrotundata, ocellarum tuberculis vix elevatis. Peristoma magnum, rotundatum. Mystax deflexus, apud peristoma angustatus, apud faciem nonnquam pilis raris longioribus. Oculi valde extantes, speculis

plurimis anticis majoribus. Palpi graciles, nudi. Antennæ approximatæ; articuli 1us et 2us æquales, breves; 3us medioeris; arista biarticulata, articulo 1o sat longo, cylindrico, 2o breviori setiformi. Thorax valde depressus. Abdomen depressum, gracile. Pedes sat graciles, nudi; tibiæ tarsique setis longis; femora anteriora posticis validiora, plerumque sat distincte incrassata: metatarsus non incrassatus, articulo 2o in tarsis anterioribus paullo longior, in posticis æqualis. *Mas.*—Sexualia medioeriter magna; pars superior scutelliformis, inferiorem tegens. *Fœm.*—Sexualia lamellis duabus acuminatis structura dissimilibus.

Stichopogon, *Loew, Linn. Ent.* ii. 499.

A. Antennæ testacæ. - - - - - scaliger, *Loew.*

B. Antennæ nigræ.

A. Abdomen fasciis æqualibus. - - - - - tener, *Loew.*

B. Abdomen fasciis inæqualibus.

a. Mystax albus. - - - - - inæqualis, *Loew.*

b. Mystax niger. - - - - - nigrifrons, *Loew.*

35. DASYPOGON SCALIGER.

Mas et Fœm. Antennæ testacæ; abdomen fasciis æqualibus albo-cinereis.

Dasygogon elegantulus, Mas. ? Meig. Zweifl. ii. 270, 18.

Dasygogon scaliger, Loew, Linn. Ent. ii. 501, 36.

Italy. South Russia.

36. DASYPOGON TENER.

Mas et Fœm. Antennæ nigræ; abdomen fasciis æqualibus albidis.

Dasygogon elegantulus, Mas. ? Meig. Zweifl. ii. 270, 18.

Dasygogon tener, Loew, Linn. Ent. ii. 503, 32.

Patara and Xanthus in Asia Minor.

37. DASYPOGON INÆQUALIS.

Mas et Fæm. *Mystax albus*; antennæ nigræ; abdomen fasciis inæqualibus albis.

Dasypongon elegantulus, Fæm., Meig. *Zweifl.* ii. 270, 18.

Dasypongon inæqualis, Loew, *Linn. Ent.* ii. 505, 33.

Portugal. Patara and Xanthus in Asia Minor.

38. DASYPOGON NIGRIFRONS.

Fæm. *Mystax niger*; abdomen fasciis inæqualibus cinerascantibus.

Dasypongon nigrifrons, Loew, *Linn. Ent.* ii. 506, 34.

Mermeriza, Asia Minor.

Group 12. LASIOPOGON.

Species nigræ, sat elongatæ, mediocriter magnæ et pilosæ, abdominis incisuris albidis. Caput mediocriter latum, non brevissimum. Facies lata, supra distincte angusta, tuberculis inferioribus magnis. Frons lata, supra dilatata, sulcis tribus parallelis profundis; ocellarum tuberculi parum elevati. *Mystax* longus, hirsutissimus, faciei tuberculos omnino tegens. Palpi nudi. Antennæ sat approximatæ; articuli 1us et 2us breves; 2us 1o brevior; 3us mediocris; arista mediocriter longa, plerumque pilosa, articulo 2o setiformi. Thorax subconvexus, mediocriter pilosus. Abdomen depressocylindricum, nudiusculum. Pedes sat graciles, postici anticis vix longiores, femora postica anticis paullo graciliora; metatarsus articulo 2o duplo longior; tibiæ tarsique setis validis mediocriter longis. *Mas*.—Abdominis segmenta apicem versus breviora; sexualia magna, forcipibus magnis. *Fæm.*—Abdominis segmenta apicem versus abbreviata; lamellæ inferiores approximatæ, apice rotundatæ.

Lasiopogon, Loew, *Linn. Ent.* ii. 508.

A. Antennæ omnino nigræ.

A. Arista nuda. - - - - - cinctus, *Fabr.*

B. Arista piligera. - - - - - pilosellus, *Loew.*

B. Antennarum articulus 3us basi flavicans. - tarsalis, *Loew.*

39. DASYPOGON CINCTUS.

Mas et Fœm. *Antennæ nigræ, arista nuda ; pedes nigri.*

Asilus cinctus, Fabr. Sp. Ins. ii. 465, 29 ; Ent. Syst. iv. 387, 51.

Gmel. Ed. Syst. Nat. i. 5, 2899, 36.

Dasygogon cinctus, Meig. Klass. Zweifl. i. 252, 4. Zell. Isis, 1840, 45. Zett. Dipt. Scand. i. 177, 1. Loew, Linn. Ent. ii. 509, 35.

Dasygogon hirtellus, Fall. Dipt. Asil. ii. 1. Macq. Dipt. Nord. Fr. Asil. 25, 5 ; Hist. Nat. Dipt. i. 298, 19. Zett. Ins. Lapp. 506.

Dasygogon cinctellus, Meig. Zweifl. ii. 272, 22. Macq. Hist. Nat. Dipt. i. 297, 8. Loew, Isis, 1840, 536, 1.

North, Central and Southern Europe.

40. DASYPOGON PILOSELLUS.

Mas et Fœm. *Antennæ nigræ, arista piligera ; pedes nigri.*

Dasygogon hirtellus ? Meig. Zweifl. ii. 273, 23.

Dasygogon pilosellus, Loew, Linn. Ent. ii. 511, 36.

Ephesus, Asia Minor.

41. DASYPOGON TARSALIS.

Mas et Fœm. *Antennæ nigræ, articulo 3o basi flavicante ; pedes nigri, tarsi fusciscentibus.*

Dasygogon tarsalis, Loew, Linn. Ent. ii. 513, 37.

Ephesus, Asia Minor.

Dasygogon ruficornis, Meig. *Zweifl.* ii. 269, 17. Macq. *Hist. Nat. Dipt.* i. 296, 14. Zell. *Isis*, 1840, 44. Loew, *Linn. Ent.* ii. 517, 38.

Central Europe.

43. DASYPOGON MACULIPENNIS.

Mas et Fœm. *Niger*, nitidus; tibiæ tarsique ferruginea. Mas.—*Abdominis latera albo lineolata; alæ macula magna subapicali nigra, alteraque ad marginem posteriorem minore.* Fœm.—*Mystax intus pallidus, extus niger; abdominis latera albido lineolata.*

Dasygogon flavimanus, Fœm., Meig. *Zweifl.* ii. 271, 20.

Dasygogon maculipennis, Macq. *Hist. Nat. Dipt.* i. 296, 15. Meig. *Zweifl.* vii. 72, 50. Loew, *Linn. Ent.* ii. 519, 39.

Dasygogon litura, Zell. *Ent. Zeit. Stett.* 1841, 180.

Central and Southern Europe.

44. DASYPOGON FLAVIMANUS.

Mas. *Niger; mystax intus niger, extus albidus; abdominis latera albido lineolata; tarsi ferruginei; alæ limpidæ, costa apiceque fusco-cinereis.*

Dasygogon flavimanus, Mas., Meig. *Zweifl.* ii. 271, 20. Macq. *Hist. Nat. Dipt.* i. 297, 16. Loew, *Linn. Ent.* ii. 521, 40.

Southern Europe.

45. DASYPOGON LATERALIS.

Mas et Fœm. *Niger; mystax omnino niger.* Mas.—*Abdominis segmenta 2um et 3um pallide pollinosa; alæ nigricantes.* Fœm.—*Abdominis latera albo lineolata; alæ cinereæ.*

Dasygogon lateralis, Fall. *Dipt. Succ. Asil.* 12, 2. Meig. *Zweifl.* ii. 276, 27. Macq. *Hist. Nat. Dipt.* i. 298, 21. Zett. *Ins. Lapp.* 509, 2, Var. a. Zett. *Dipt. Scand.* i. 177, 2. Loew, *Linn. Ent.* ii. 523, 41.

North and Central Europe.

46. DASYPOGON LAPPONICUS.

Mas et Fæm. *Obscure cinereus; facies fere tota nigro mystacina; barba nivea; thorax vitta media duplicata maculaque utrinque didyma, obscure fuscis; abdomen nigrum nitidum, segmentorum 2i et 3i incisuris, 4i et 5i lineola laterali transversa, albis, ventre basi albo villosa; pedes nigri nitidi, femoribus subtus albo villosis, tibiis tarsisque nigro spinulosis.*

Dasygogon lapponicus, Zett. *Ins. Lapp.* 509, 3; *Dipt. Scand.* i. 178, 3.

Dasygogon lateralis, Var. β . Fæm., Zett. *Ins. Lapp.*
Lapland.

47. DASYPOGON LUTEICORNIS.

Fæm. *Niger; facies subconvexa cinerascens; mystax albidus, supra et infra parce niger; barba alba; antennarum articulus 3us luteus; thorax obscure cinerascens, lineis 2 mediis maculisque lateralibus nigricantibus; abdomen utrinque lineis 4 transversis albis; alæ infuscatæ, basi hyalinæ; tibiæ tarsique rufo-ferruginea.*

Dasygogon luteicornis, Zett. *Dipt. Scand.* i. 179, 4.

Group 14. ANAROLIUS.

Corpus nonnihil contractum. Caput latum, vix altum. Facies lata, supra subcontracta, tuberculis magnis omnino occupata. Frons supra latescens, apud verticem excavata, ocellorum tuberculis elevatis hirtis. Mystax fere ad antennis ascendens. Antennæ remotæ; articuli 1us et 2us breves, hirsutissimi; 3us gracilis, arista longa. Thoracis hirsuties cristam fingens. Abdomen pilis longis densisque vestitum, lateribus subcompressis. Pedes sat graciles, valde pilosi et setosi; tarsi graciles; metatarsus distincte elongatus; ungues longi et graciles. *Mas.*—Abdomen sat cylindricum; sexualia parva. *Fem.*—Abdomen magis acuminatum, lamellis subtus nullis.

Anarolius, Loew, *Ent. Zeit. Stett.* 1844, 165; *Linn. Ent.* ii. 524.

48. DASYPOGON JURATUS.

Mas et Fœm. *Niger; mystax supra niger, subtus niveus; alæ hyalinæ, basi costaque fusciscentibus, venis transversis fusco limbatis.*

Anarolius jubatus, *Loew, Ent. Zeit. Stett. v. 165, pl. 2, f. 22—25.*

Dasyvogon jubatus, *Loew, Linn. Ent. ii. 525, 42.*

Mermeriza and Ephesus, Asia Minor.

Group 15. ACNEPHALUM.

Corpus latum, dense hirtum. Caput latum, sat humile. Mystax densus, fere ad antennis ascendens. Antennarum articuli 1us et 2us breves; 3us gracillimus, longissimus, arista longa nuda. Thorax sat convexus. Abdomen subdepressum, basi apiceque arcuatum. Sexualia occulta. Pedes hirsutissimi, onychiis nullis. Alarum vena mediastinalis subcostali disjuncta.

Acnephalum, *Macq. Dipt. Exot. i. 2, 51. Loew, Linn. Ent. ii. 525.*

49. DASYPOGON OLIVIERI.

Ater, albido hirsutus; alæ flavescens; vena cubitalis furca antica ramulum nullum rejiciens; vena externo-mediæ 3a et 4a prope marginem posticum conjunctæ.

Acnephalum Olivierii, *Macq. Dipt. Exot. i. 2, 51, 1.*

Dasyvogon Olivieri, *Loew, Linn. Ent. ii. 526, 43.*

Isle of Naxos.

Group 16. PYCNOPOGON.

Species latæ, dense hirtæ. Caput latum, brevissimum, sat humile. Facies lata, convexa, supra non angustata, tuberculis nullis. Frons supra paullo latior, apud verticem valde excavata, ocellorum tuberculis valde excavatis, mystax densissimus, faciei longitudinem occupans. Antennæ gracillimæ, arista longa tenui nuda. Thorax brevis, subquadratus, sat convexus. Abdomen latissimum,

depressum, distincte punctatum, hirsutie supra brevi, lateribus fasciculata, subtus longiore et densiore. Pedes sat robusti, hirsutie longiore et densiore, setisque nonnullis; metatarsus paullo elongatus; onychia distincta.

Pycnopogon, *Loew*, *Linn. Ent.* ii. 526.

A. Venæ cubitalis furca antica ramulum rejiciens.

A. Alæ hyalinæ, apice cinereo-fuscescentes. fasciculatus, *Loew*.

B. Alæ pure hyalinæ. - - - - apiformis, *Loew*.

B. Venæ cubitalis furca antica ramulum non rejiciens.

A. Abdomen confertissime punctulatum. - mixtus, *Loew*.

B. Abdomen parce punctulatum. - anthophorinus, *Loew*.

50. DASYPOGON FASCICULATUS.

Mas et Fœm. *Niger; alæ hyalinæ, apice cinereo-fuscescentes; venæ cubitalis furca antica ramulum rejiciens.*

Dasypogon fasciculatus, *Loew*, *Linn. Ent.* ii. 527, 44.

Syracuse.

a. Algeria. From M. Parzudaki's collection.

51. DASYPOGON APIFORMIS.

Mas et Fœm. *Niger, flavo pilosus; femora antica nigro pilosa; alæ pure hyalinæ, venæ cubitalis furca antica ramulum rejiciens.*

Dasypogon apiformis, *Loew*, *Linn. Ent.* ii. 529, 45.

Asia Minor and the Isles of Greece.

52. DASYPOGON MIXTUS.

Mas. *Niger, albo pilosus; abdomen confertissime punctulatum, lateribus setigeris; venæ cubitalis furca antica ramulum non rejiciens.*

Dasypogon mixtus, *Loew*, *Linn. Ent.* ii. 231, 46.

Makri, Asia Minor.

53. DASYPOGON ANTHOPHORINUS.

Fœm. *Niger, albido pilosus; abdomen parce punctulatum, lateribus non setigeris; venæ cubitalis furca antica ramulum non rejiciens.*

Dasygogon anthophorinus, Loew, Linn. Ent. ii. 532, 47.

Dasygogon mixtus, Fœm. ?

Isle of Stanchio.

Group 17. CROBILOCERUS.

Species latæ, dense hirtæ. Caput latum, sat humile et breve. Facies lata, supra non angustata, convexa, tuberculis tamen nullis. Frons supra paullo latius, apud verticem valde excavata, ocellorum tuberculis valde elevatis. Mystax densissimus, faciei longitudinem occupans. Antennæ graciles; arista brevis, crassa, apice fasciculata. Thorax brevis, subquadratus, valde convexus. Abdomen latissimum, depressum, distincte punctatum, hirsutie supra brevi, lateribus fasciculata, subtus longiore et densiore. Pedes sat robusti, hirsutie densa setisque nonnullis longioribus; metatarsus vix elongatus, posticus subtus nonnihil arcuatus; onychia distincta.

Crobilocerus, Loew, Linn. Ent. ii. 533.

54. DASYPOGON MEGILLIFORMIS.

Mas et Fœm. *Niger; alæ subfuscescentes.*

Dasygogon megilliformis, Loew, Linn. Ent. ii. 534, 48.

Asia Minor.

Group 18. APOGON.

Caput mystace barbaque nullis. Frons angusta. Antennæ triarticulatæ; articulus 1us cylindricus; 2us cyathiformis; 3us conicus, planus, arista longiore pubescente terminatus. Pedes spinulis minimis armati; tibiæ anticæ spina interna apicali, posteriores spinis duabus apicalibus; metatarsi articulis sequentibus quatuor conjunctis longiores; onychia et ungues parva.

Apogon, Perris, Ann. Soc. Linn. Lyon. 1850—52, 198 (1852).

55. DASYPOGON DUFOURII.

Fulvo-rufescens; facies alba, proboscide palpisque fulvis; antennæ testaceæ, arista nigricante; thorax vittis tribus dorsalibus, maculis duabus lateralibus maculaque subscutellari nigris; abdominis segmenta e maculis tribus nigris subfasciata; halteres fusco lividi; pedes testacei, femoribus tibiisque apice tarsisque fusciscentibus, metatarsis posticis albidis.

Apogon Dufourii, Perris, *Ann. Soc. Linn. Lyon*. 1850—52, 198.

Grandes-Landes, France.

Group — ?

A. Thorax niger, non vittatus.

A. Thoracis latera alba.

A. Facies alba. - - - - - senex, *Duf.*

B. Facies flavo-alba. - - - - - rufipes, *Gimm.*

C. Facies aurulenta. - - - - - auribarbis, *Meig.*

B. Thoracis latera cinerea. - - - - - brunnipes, *Meig.*

C. Thoracis latera ferruginea. - - - - - liburnicus, *Germ.*

B. Thorax cinereo-niger. - - - - - ripicola, *Duf.*

D. Thoracis latera nigra.

A. Abdomen albo fasciatum.

a. Abdomen fasciis tribus apiceque canis. arcuatus, *Fabr.*

b. Abdominis segmenta albo marginata. albo-fasciatus, *Meig.*

B. Abdomen albo non fasciatum. - - - Fabricii, *Meig.*

B. Thorax niger, vittis fuscis. - - - - - brevipennis, *Hoffm.*

C. Thorax niger, fulvo vittatus. - - - - - juncus, *Hoffm.*

D. Thorax cinereus, nigro vittatus.

A. Antennæ nigrae. - - - - - fimbriatus, *Meig.*

B. Antennarum articulus 3us fulvus. - - - fulvicornis, *Macq.*

E. Thorax subcinereus, rufo villosus.

A. Alæ fumosæ, costa rufo-testacea. - - - nigriventris, *Duf.*

B. Alæ dilute fuscae. - - - - - xanthotrichus, *Brullé.*

F. Thorax albus nigro vittatus. - - - - - melaleucus, *Meig.*

G. Thorax flavicante hirtus, nigro bivittatus. - - - nubilus, *Hoffm.*

H. Thorax rufus, nigro vittatus. - - - - - elatus, *Meig.*

I. Thorax ferrugineus. - - - - - tristis, *Meig.*

J. Thorax fuscus. - - - - - albibarbis, *Macq.*

56. DASYPOGON SENEX.

Niger, glaber; facies barbaque albidæ; thorax limbo scutelloque albido sericeis; abdomen fasciis quatuor dorsalibus rufo-lutescentibus; pedes rufo-lutescentes; alæ dimidiato fumosæ.

Dasygogon senex, Léon-Duf. Ann. Sci. Nat. xxx. 215, 7.

Navarre, Spain.

57. DASYPOGON RUFIPES.

Niger; facies flavo-alba; antennæ et pedes rufa; thorax anterior limbo albo; abdominis segmenta 2um, 3um et 4um lineolis lateralibus albis; alæ flavo-fuscescentes.

Dasygogon rufipes, Gimm. Bull. Soc. Imp. Nat. Mosc. 1847, 3, 159, 6.

South Russia?

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58. DASYPOGON AURIBARBIS.

Niger, nitidus; facies aurulenta; mystax aurulentus, pilis non-nullis nigris; thorax maculis duabus anticis cinereis; pectoris et abdominis latera albo hirta; alæ dilute fuscæ; halteres fusci, apice flavi.

Dasygogon auribarbis, Meig. Zweifl. ii. 279, 31.

South France. Austria.

59. DASYPOGON BRUNNIPES.

Niger, nitidus; facies et mystax flava; thorax maculis duabus anticis cinereis; pectoris latera cinerea; pedes ferruginei; alæ hyalinæ; halteres flavi.

Dasygogon brunnipes, Meig. Zweifl. ii. 279, 33.

Austria.

60. DASYPOGON LIBURNICUS.

Niger ; thoracis margines ferruginei, orichalceo micantes ; abdomen maculis lateralibus albidis ; pedes ferruginei, femoribus supra nigris ; alæ flavescentes, venis apice fusco marginatis.

Dasygogon liburnicus, *German.* *Meig. Zweifl.* ii. 282, 40.
Italy.

61. DASYPOGON RIPICOLA.

Cinereo-niger, glaber ; barba atra ; antennarum articulus 3us apice stylifer ; abdomen atrum segmentis 4o, 5o, ultimoque supra argenteo micantibus ; alæ hyalinæ.

Dasygogon ripicola, *Léon-Duf. Ann. Sci. Nat.* xxx. 216, 9.
Logronna, by the Ebro, Spain.

62. DASYPOGON ARCUATUS.

Niger, hirtus, parvus ; abdominis segmenta albo marginata.

Asilus arcuatus, *Fabr. Ent. Syst.* iv. 387, 50. *Meig. Klass. Zweifl.* 270, p.

Dasygogon arcuatus, *Fabr. Syst. Antl.* 172, 39. *Meig. Zweifl.* ii. 285, 44.

Italy.

63. DASYPOGON ALBO-FASCIATUS.

Niger ; abdomen albo-fasciatum ; alæ fere limpidæ, halteres flavi.

Dasygogon albo-fasciatus, *Meig. Zweifl.* ii. 281, 37.
Austria.

64. DASYPOGON FABRICII.

Niger ; tibiæ posteriores basi rufescentes ; alæ hyalinæ, apice sub-fuscescente cinereæ ; halteres albido-fuscescentes.

Dasygogon Fabricii, *Meig. Zweifl.* ii. 270, 19.
Italy.

65. DASYPOGON BREVIPENNIS.

Fusco-cinerascens; thorax vittis quatuor fusciscentibus; abdomen et pedes badia, illum alis triente longius; alæ strigis flavescente-cinereis.

Dasypogon brevipennis, Hoffm. Meig. Zweifl. ii. 267, 13.
Portugal.

66. DASYPOGON JUNCUS.

Nigricans; thorax fulvo vittatus; abdomen fulvo fasciatum; pedes fulvi, femoribus nigris, anterioribus extus subtusque fulvis; alæ limpidæ, venis subflavescente limbatis.

Dasypogon juncus, Hoffm. Meig. Zweifl. ii. 266, 12. Macq. Hist. Nat. Dipt. i. 296, 12.

South France.

67. DASYPOGON FIMBRIATUS.

Cinereus; thorax lineis maculisque nigricantibus; abdomen nigrum, incisuris utrinque albo maculatis; alæ subcinereæ; halteres sordide albid.

Dasypogon fimbriatus, Meig. Zweifl. ii. 272, 21. Macq. Hist. Nat. Dipt. i. 297, 17.

South France.

68. DASYPOGON FULVICORNIS.

Mas et Fœm. *Niger*; frons cinerea; mystax niger; antennarum articulus 3us fulvus, basi niger; thorax fasciis glauco-cinereis. Mas.—Alæ fusce basi subhyalinæ. Fœm.—Abdomen punctis lateralibus; alæ hyalinæ.

Dasypogon fulvicornis, Macq. Hist. Nat. Dipt. i. 296, 15.
France.

69. DASYPOGON NIGRIVENTRIS.

Rufo villosus ; thorax subcinereus ; abdomen apice et subtus atrum ; tibiæ tarsique postica extus hirsutissima ; alæ fumosæ, costa rufo-testacea.

Dasygogon nigriventris, *Léon-Duf. Ann. Sci. Nat.* xxx. 216, 8.
Madrid, Spain.

70. DASYPOGON XANTHOTRICHUS.

Fœm. Niger, rufo pilosus ; mystax, antennæ basi, abdomen supra, femora apice, tibiæ tarsique rufa ; alæ dilute fusæ.

Dasygogon xanthotrichus, *Brullé, Expéd. Scient. de Morée*, iii. 1, 294, 633, pl. 46, f. 5.

Carithena.

71. DASYPOGON MELALEUCUS.

Niger, albo lanatus ; thorax albus, nigro trivittatus ; abdomen nigro alboque fasciatum ; alæ hyalinæ ; halteres flavi.

Dasygogon melaleucus, *Meig. Zweifl.* ii. 281, 38. *Macq. Hist. Nat. Dipt.* i. 299, 26.

South France.

72. DASYPOGON NUBILUS.

Niger ; thorax flavicante hirtus, nigro bivittatus ; abdomen maculis lateralibus et marginibus subcinereis ; pedes nigro-picei ; alæ fusco nubilæ.

Dasygogon nubilus, *Hoffm. Meig. Zweifl.* ii. 268, 15.
Portugal.

73. DASYPOGON ELATUS.

Niger; thorax rufus, nigro trivittatus; abdominis latera nigro vittata; tibiæ fulvæ, apice nigræ; tarsi basi nigri; alæ hyalinæ, basi subfusco-flavæ; halteres fulvi.

Dasypogon elatus, Meig. Zweifl. ii. 275, 26.

Austria.

74. DASYPOGON TRISTIS.

Niger; caput, thorax abdominisque fasciæ tres ferruginea; pedes fulvi; alæ fuscæ.

Dasypogon tristis, Meig. Zweifl. ii. 264, 9.

Hungary.

75. DASYPOGON ALBIBARBIS.

Mas. Fuscus, hirtus; antennæ et abdomen rufa, hujus latera albido maculata; pedes castaneis, femoribus tibiisque posticis intus nigris; alæ flavescence-cinereæ.

Dasypogon albibarbis, Macq. Dipt. Exot. i. 2, 193.

Allied to *D. striatus*, *Fabr.*

Roumelia.

Europe?

76. DASYPOGON CASTANEICORNIS.

Fœm. Fuscus; antennæ castaneæ; thorax cinereo-fulvus, fusco vittatus; abdomen castaneum, albido fasciatum; pedes fulvi; alæ flavescences.

Dasypogon castaneicornis, Macq. Dipt. Exot. i. 2, 40, 18.

Siberia.

77. DASYPOGON VARIEGATUS.

Niger; abdomen incisuris flavis, segmentis utrinque albo maculatis; pedes rubidi; alæ subflavescentes.

Dasygogon variegatus, *Wied. Zool. Mag.* ii. 32; *Dipt. Exot.* i. 126, 22; *Auss. Zweifl.* i. 396, 48.

Siberia.

South Russia.

78. DASYPOGON PYRRHOMUS.

Saturate flavus; thorax fuscato vittatus; abdomen fusco limbatum; alæ flavido-cinereæ, ad costam fulvæ.

Dasygogon pyrrhomus, *Wied. Zool. Mag.* ii. 33; *Dipt. Exot.* i. 218, 7; *Auss. Zweifl.* i. 380, 23.

South Russia.

79. DASYPOGON PALLASII.

Niger, cinereo hirtus; abdomen fasciis latis obsolete albidis; pedes flavi, tarsi nigris; alæ basi flavescentes.

Dasygogon Pallasii, *Wied. Auss. Zweifl.* i. 403, 60.

South Russia.

Georgia.

80. DASYPOGON KOLENATI.

Nigricans, rufo pilosus; antennarum articuli duo; pedes et alæ rufa.

Dasygogon Kolenati, *Gimm. Bull. Soc. Imp. Nat. Mosc.* xx. 1847, 3, 159, 5.

Tiflis.

North America.

Div. I. Tibiæ anticæ calcaratæ.

Group 1.

Corpus magnum, elongatum, fere nudum. Facies plana. Mystax setis nonnullis pallidis. Antennarum sat longæ; articuli 1us et 2us subæquales, 3us longissime fusiformis, 1o et 2o conjunctim paullo longior.

D. brunneus. Antennarum articulus 3us subclavatus, articulis 1o et 2o conjunctim non longior.

Forks of the cubital vein slightly curved, their base opposite the end of the discal areolet. First and second externo-medial veins proceeding direct to the border; third united to the fourth at some distance from the border. Subanal near the anal on the border. Discal areolet very long, slightly widening outward.

Type D. Herennius.

- | | | | | | | |
|----------------------------|---|---|---|---|---|------------------|
| A. Thorax bivittatus. | - | - | - | - | - | basalis, Walk. |
| B. Thorax trivittatus. | | | | | | |
| A. Femora fulva aut fusca. | | | | | | |
| A. Alæ fuscæ. | - | - | - | - | - | Herennius, Walk. |
| B. Alæ limpidæ. | - | - | - | - | - | brunneus, Fabr. |
| B. Femora nigra. | - | - | - | - | - | politus, Say. |

81. DASYPOGON BASALIS.

Dasygogon basalis, *Diptera Saundersiana*, Pt. 2, 95.

United States.

82. DASYPOGON HERENNIUS.

Dasygogon Herennius, *Cat. of Diptera*, 2, 339.

83. DASYPOGON BRUNNEUS.

Thorax subaurarius, nigro vittatus; abdomen ferrugineum, lateribus fuscis, marginibus flavis; pedes fulvi, femoribus tibiisque posticis nonnunquam fuscis; alæ limpidæ, apicibus marginibusque posticis subcinereis.

Dasygogon brunneus, Fabr. *Macq. Dipt. Exot.* i. 2, 34, 4.
Philadelphia. Cayenne.

84. DASYPOGON POLITUS.

Fœm. Fulvus; antennæ nigræ; thorax fusco vittatus; abdomen scoriaceum; pedes nigri; alæ dimidio apicali fuscæ.

Dasygogon politus, Say, *Journ. Acad. Philad.* iii. 52, 5. *Wied. Auss. Zweifl.* i. 405, 63.

Pennsylvania. Maryland.

Group 2.

Corpus mediocre. Caput et thorax pilosa. Caput thorace fere latius. Facies plana. Mystax pilis nonnullis pallidis. Antennarum articulus 1us linearis; 2us subrotundus, 1o multo brevior; 3us arista brevi, 1o et 2o conjunctim multo longior. Abdomen depressum. Tibiæ anticæ calcaribus brevissimis. Alæ maculatæ.

Forks of the discal areolet straight, their base very little nearer than the end of the discal areolet to the tip of the wing. First, second, third and fourth externo-medial veins nearly straight, remote from each other on the border. Subanal joining the anal on the border. Discal areolet long and narrow.

85. DASYPOGON AMASTRIS.

Dasygogon Amastris, *Cat. of Diptera*, 2, 362.

Div. II. Tibiæ anticæ non calcaratæ.

Group 3.

Mas. Corpus magnum, elongatum. Caput et thorax hirta. Caput thorace angustius. Facies angusta, vix convexa. Mystax dense setosus, faciei ultra medium ascendens. Antennæ longiusculæ; articulus 1us 2o duplo longior; 3us longi-fusiformis, arista brevis; 1o et 2o conjunctim multo longior. Abdomen pubescens. Pedes validi.

Forks of the cubital vein slightly curved, their base a little nearer than the end of the discal areolet to the tip of the wing. First and second externo-medial veins nearly straight; third joining the fourth at some distance from the border. Subanal joining the anal on the border. Discal areolet very long.

86. DASYPOGON SUBULATUS.

Fœm. *Rufo-fuscus, cinereo micans; abdomen rubidum, apice nigrum; pedes rubidi; alæ fuscæ.*

Dasypogon subulatus, Wied.

United States.

Group 4.

Mas. Corpus magnum, elongatum, hirtum. Caput thorace pallo angustius. Facies angusta, valde convexa. Mystax densissime setosus, faciem omnem occupans. Pedes validi. Alæ breviusculæ.

Fore fork of the cubital vein undulating; hind fork nearly straight, inclined towards the first externo-medial, but at some distance from it on the border. First and second externo-medial nearly straight; third inclined towards the fourth, but remote from it on the border. Subanal near the anal on the border. Discal areolet long and narrow.

87. DASYPOGON CALIFORNIÆ.

Dasypogon Californiæ, Cat. of Diptera, 2, 322.

Group 5.

Enarmostus, *Walk. Diptera Saundersiana*, Pt. 2, 102.

88. *DASYPOGON BIMACULA*.

Enarmostus bimacula, *Diptera Saundersiana*, Pt. 2, 102, pl. 4, f. 1.
North America.

Group 6.

Mas. *Mystax spinis plurimis nigris armatus.* Antennarum articulus 3us sublinearis, 1o et 2o conjunctim fere triplo longior. Abdomen lateribus basi setosis, dimidio basali lineari, apicali subfusiformi. Pedes spinosi.

89. *DASYPOGON TRISTIS*.

Dasy pogon tristis, *Diptera Saundersiana*, Pt. 2, 93.
United States.

Group 7.

Corpus mediocre aut parvum, nigrum, pilosum. Caput thorace vix angustius. Facies valde convexa. *Mystax* densissime hirtus, faciem omnem occupans. Antennæ longæ; articulus 1us 2o longior; 3us sublinearis, arista longiuscula, articulis 1o et 2o conjunctim paullo longior. Pedes validi.

Forks of the cubital vein nearly straight, their base a little nearer than the end of the discal areolet to the tip of the wing. First and second externo-medial veins proceeding straight to the border; third inclined to the fourth, but rather remote from it on the border. Subanal near the anal on the border. Discal areolet hexagonal, rather long.

A. Abdomen fasciis integris.

A. Abdomen sexfasciatum. - - - sexfasciatus, Say.

B. Abdomen trifasciatum. - - - trifasciatus, Say.

B. Abdomen fasciis interruptis.

A. Alæ limpidæ. - - - guttula, Wied.

B. Alæ limpidæ, apice subcinereæ. - - Falto, Walk.

C. Alæ subcinereæ. - - - Lutatius, Walk.

D. Alæ fuscovariæ. - - - Macerinus, Walk.

C. Abdomen fasciis nullis. - - - argenteus, Say.

90. DASYPOGON SEXFASCIATUS.

Mas. *Niger* ; *thorax albidus hirtus* ; *abdomen nigrum, albo fasciatum* ; *femora tibiæque basi subtestacea* ; *alæ subfuscescentes*.

Dasypogon sexfasciatus, Say.

Missouri.

91. DASYPOGON TRIFASCIATUS.

Nigellus, thoracis, latera albo pruinosa ; *abdomen nigrum, fasciis apiceque albis* ; *alæ subcinereo-fuscescentes*.

Dasypogon trifasciatus, Say, *Journ. Acad. Philad.* iii. 51, 3.
Wied. *Auss. Zweifl.* i. 405, 64.

Pennsylvania. Maryland.

92. DASYPOGON GUTTULA.

Fœm. *Niger, nitens* ; *thorax macula humerali alba* ; *alæ limpidæ*.

Dasypogon guttula, Wied.

United States.

93. DASYPOGON FALTO.

Dasypogon Falto, *Cat. of Diptera*, 2, 355.

94. DASYPOGON LUTATIUS.

Dasypogon Lutatius, *Cat. of Diptera*, 2, 357.

95. DASYPOGON MACERINUS.

Dasypogon Macerinus, *Cat. of Diptera*, 2, 356.

96. DASYPOGON ARGENTEUS.

Fœm. *Niger, niveo pruinosis et hirtus; palpi, alæ et halteres dilutissime silacea.*

Dasypogon argenteus, *Say*.

Pennsylvania. Maryland.

Group — ?

A. Alæ nigræ.	-	-	-	-	-	-	Æacus, <i>Wied.</i>
B. Alæ fuscæ.	-	-	-	-	-	-	abdominalis, <i>Say</i> .
C. Alæ flavescentes.							
A. Femora fulva.	-	-	-	-	-	-	cruciatus, <i>Say</i> .
B. Femora nigra.	-	-	-	-	-	-	albiceps, <i>Macq.</i>
D. Alæ subhyalinæ.	-	-	-	-	-	-	rufescens, <i>Macq.</i>

97. DASYPOGON ÆACUS.

Fœm. *Niger; abdomen aurantiacum, basi apice lateribusque nigris; alæ nigræ.*

Asilus abdominalis, *Say*, *Long's Exped. to St. Peter's River*, *Append.* 375.

Dasypogon Æacus, *Wied. Auss. Zweifl.* 390, 37.

Pennsylvania.

98. DASYPOGON ABDOMINALIS.

Flavus ; antennæ nigræ ; thorax glaucus, fusco vittatus ; alæ fuscæ.

Dasypogon abdominalis, Say, Journ. Acad. Philad. iii. 50, 2. Wied. Auss. Zweifl. i. 412, 75.

Pennsylvania.

99. DASYPOGON CRUCIATUS.

Nigro-fuscus ; thorax margine orichalceo ; abdomen maculis fasciisque orichalceis ; pedes fulvescentes ; alæ flavæ pone basim limpidiores.

Dasypogon cruciatus, Say, Journ. Acad. Philad. iii. 52, 6. Wied. Auss. Zweifl. i. 381, 24.

Pennsylvania.

100. DASYPOGON ALBICEPS.

Fœm. Caput album ; thorax cinereus, vittis nigris ; abdomen nigrum, albo fasciatum ; pedes nigri, tibiis fulvis ; alæ sub-flavescentes.

Dasypogon albiceps, Macq. Dipt. Exot. Suppl. 1, 69, 51.

Texas.

101. DASYPOGON RUFESCENS.

Testaceus ; facies et antennæ fulvæ ; mystax flavus ; thorax vittis tribus nigris, media divisa ; abdominis latera albo pubescentia nigroque maculata ; alæ subhyalinæ, venis externo-mediis 3a et 4a conjunctis.

Dasypogon rufescens, Macq. Hist. Nat. Dipt. i. 295, 8.

Philadelphia.

Mexico.

Group 1.

Corpus maximum, elongatum, pubescens. Caput thorace paullo angustius. Facies plana. Mystax setis paucis apud epistoma armatus. Antennæ sat longæ; articulus 1us 2o longior; 3us linearis, arista vix ulla, 1o et 2o conjunctim multo longior. Thoracis latera setosa. Abdomen apice spinosum. Pedes validi.

Microstylum, p., *Macq. Dipt. Exot. i.*

Forks of the cubital vein slightly curved, their base very little nearer than the end of the discal arcolet to the tip of the wing. First and second externo-medial veins proceeding straight to the border; third united to the fourth at some distance from the border. Subanal near the anal on the border. Discal arcolet very long, widening outward.

102. DASYPOGON MAGNIFICUS.

Fœm. *Ater; facies alba, nitens; abdomen rufum; onychia testacea; alæ fuscæ, basi nigro-fuscæ.*

Fem. Deep black. Face white, shining. Mystax with black bristles. Abdomen deep red; tip with black spines. Onychia testaceous. Wings brown, blackish brown at the base; disks of the areolets gray; veins tawny, piceous towards the base. Halteres testaceous. Length of the body 15 lines; of the wings 28 lines.

a. Mexico. Presented by Mrs. Ronquette.

Group — ?

A. Tibiæ anticæ calcaratæ. Group Dasypogon, *Loew.?*
nigripennis, *Macq.*

B. Tibiæ anticæ non calcaratæ.

A. Mystax albus. - - - - - dimidiatus, *Macq.*

B. Mystax flavescens aut fulvus.

a. Abdomen fasciis fulvis. - - - - - mexicanus, *Macq.*

b. Abdomen incisuris albidis. - - - - - nigritarsis, *Macq.*

103. DASYPOGON NIGRIPENNIS.

Fæm. *Niger* ; *alæ nigro-violaceæ*.

Dasygogon nigripennis, *Macq. Dipt. Exot. Suppl.* 2, 34, 55, pl. 1, f. 6.

104. DASYPOGON DIMIDIATUS.

Mas. *Niger* ; *abdomen albo maculatum* ; *pedes fulvi, tibiæ apice tarsique nigra* ; *alæ dimidio costali fuscæ*.

Dasygogon dimidiatus, *Macq. Dipt. Exot. Suppl.* 2, 35, 56.

105. DASYPOGON MEXICANUS.

Mas. *Niger* ; *mystax fulvus* ; *thorax vittis duabus testaceis* ; *abdomen fulvo-fasciatum* ; *pedes flavi, femoribus basi nigris* ; *alæ fuscæ, costa fulva*.

Dasygogon mexicanus, *Macq. Dipt. Exot. Suppl.* 1, 68, 49, pl. 6, f. 10.

106. DASYPOGON NIGRITARSIS.

Mas. *Niger* ; *mystax flavidus* ; *abdomen incisuris albidis* ; *pedibus testacei, femoribus nigro cinctis, tibiis apice tarsisque nigris*.

Dasygogon nigratarsis, *Macq. Dipt. Exot. Suppl.* 1, 68, 50.

West Indies.

107. DASYPOGON LINEATUS.

Ferrugineus ; *thorax vittis tribus nigris* ; *alæ fuscæ, medio flavæ*.

Asilus lineatus, *Fabr. Spec. Ins.* ii. 465, 28 ; *Ent. Syst.* iv. 386, 47.

Dasygogon lineatus, *Fabr. Syst. Antl.* 167, 13. *Wied. Dipt. Exot.* i. 221, 12 ; *Auss. Zweifl.* i. 385, 29.

West Indies.

108. DASYPOGON ANGUSTUS.

Mas. *Mystax*, antennæ et pedes fulva; thorax testaceus, vittis fuscis; abdomen fuscum, fasciis fulvis; alæ rubiginosæ.

Dasypogon angustus, Macq. *Dipt. Exot. Suppl.* 3, 20, 59, pl. 1, f. 11.

St. Domingo.

South America.

Div. I. Tibiæ anticæ calcaratæ.

Group 1.

Statura robusta. Corpus et pedes dense hirta. *Mystax* setis longis nigris. Alarum vena externo-media 3a apicem versus flexa, 4aque ante hujus apicem conjuncta; subanalis et analis ad marginem conjunctæ.

Morimnia, Walk. *Diptera Saundersiana*, Pt. 2, 104.

109. DASYPOGON MALLOPHOROIDES.

Morimna mallophoroides, *Diptera Saundersiana*, Pt. 2, 104, pl. 4, f. 2.

Colombia.

110. DASYPOGON TRANSIENS.

Dasypogon transiens, Cat. of *Diptera*, 2, 364.

Group 2.

Corpus maximum, parce setosum. Caput thorace paullo angustius. Facies subconvexa, nuda. *Mystax* setis nonnullis apud epistoma. Antennarum articulus 1us et 2us setosi; 3us lauceolatus, basi supra hirtus, 1o et 2o conjunctim multo longior. Pedes robusti, setosi. Tibiæ anticæ calcaribus parvis. Alarum vena externo-media 3a apicem versus flexa, 4aque ante hujus apicem conjuncta; subanalis et analis at marginem conjunctæ.

- A. *Mystax albus*. - - - - - rapax, *Walk*.
 B. *Mystax niger*. - - - - - melanogaster, *Wied*.

111. DASYPOGON RAPAX.

Dasygogon rapax, *Diptera Saundersiana*, Pl. 2, 88.

112. DASYPOGON MELANOGASTER.

Ochraceo-fuscus ; *abdomen atrum* ; *albo fasciatum* ; *pedes badii* ;
alæ flavescentes.

Dasygogon melanogaster, *Wied*. *Macq. Dipt. Exot.* i. 2, 35, 5.
 Brazil.

Group 4.

Corpus gracile, sæpissime fulvum aut testaceum. Caput breve, thorace paullo latius; frons et facies plana. *Mystax* rarus, setis nonnullis albis apud peristoma. Antennarum articulus 1us linearis, 2us brevis, obconicus; 3us fusiformis, 1o et 2o conjunctim æqualis aut multo longior. Sexualia parva. Femora et tibiæ parce setosa; ungues mediocres; onychia parva; tibiæ anticæ calcaribus minimis.

Eyes flat in front, where the facets are much larger than those elsewhere. Forks of the cubital vein nearly straight, their base opposite the tip of the discal areolet. First and second externo-medial veins proceeding direct to the border; third angular, and connected with the fourth at some distance from the border. Sub-anal very nearly connected with the anal on the border.

A. *Alæ fuscæ*.

A. Abdomen ferrugineum. - - - Duillius, *Walk*.

B. Abdomen piceum.

A. *Alæ non vittatæ*. - - - testaceus, *Fabr*.

B. *Alæ vitta limpida*. - - - insertus, *Walk*.

B. *Alæ pallide fuscæ venis flavido limbatis*. castaneus, *Macq*.

C. *Alæ subfulvæ aut flavescentes*.

- A. Antennæ nigræ.
 B. Antennæ fulvæ. - - - - Eburnus, *Walk.*
 A. Abdomen cinereum. - - - - Ædon, *Walk.*
 B. Abdomen flavum. - - - - rufiventris, *Wied.*
 D. Alæ flavidæ, apice fuscæ. - - - rufipalpis, *Macq.*
 E. Alæ subflavescentes, apice cinereæ. - Winthemi, *Wied.*
 F. Alæ miniatæ, apice fuscæ. - - - Lucifer, *Wied.*
 G. Alæ cinereæ.
 A. Abdomen non fasciatum. - - - castigans, *Walk.*
 B. Abdomen fasciis nigris. - - - miser, *Walk.*
 A. Thorax nigro vittatus.
 B. Thorax non vittatus. - - - examinans, *Walk.*
 H. Alæ limpidæ. - - - - inclusus, *Walk.*

113. DASYPOGON DUILLIUS

Dasytrogon Duillius, *Cat. of Diptera*, 2, 340.

114. DASYPOGON TESTACEUS.

Ferrugineus; abdomen apicem versus sensim fuscescens; alæ fuscæ.

Dasytrogon testaceus, *Fabr. Syst. Antl.* 167, 15. *Wied. Dipt. Exot.* i. 222, 13; *Auss. Zweifl.* i. 386, 30.

South America.

115. DASYPOGON INSERTUS.

Dasytrogon insertus, *Diptera Saundersiana*, Pt. 2, 94.

Parà.

116. DASYPOGON CASTANEUS.

Fœm. *Ferrugineus*; antennæ et pedes fulvæ; thorax vittis tribus fuscis; abdomen castaneum; alæ pallide fuscæ, venis flavido limbatis.

Dasytrogon castaneus, *Macq. Dipt. Exot.* i. 2, 35, 6.

Brazil.

117. DASYPOGON ÆDON.

Dasypogon Ædon, *Cat. of Diptera*, 2, 343.

118. DASYPOGON RUFIVENTRIS.

Fœm. *Nigellus*; *thorax vittis atris*; *abdomen et pedes saturate flava*; *alæ flavescentes*.

Dasypogon rufiventris, *Wied. Dipt. Exot.* i. 223, 16; *Auss. Zweifl.* i. 388, 33.

South America.

119. DASYPOGON EBURNUS.

Dasypogon Eburnus, *Cat. of Diptera*, 2, 332.

120. DASYPOGON RUFIPALPIS.

Mas. *Ferrugineus*; *thorax vittis tribus nigris abbreviatis*; *abdomen fuscum, fulvo annulatum*; *antennæ et pedes fulvæ*; *alæ flavidæ, apice fuscæ*.

Dasypogon rufipalpis, *Macq. Dipt. Exot.* i. 2, 38, 13, pl. 3, f. 2.

Cayenne?

121. DASYPOGON WINTHEMI.

Fœm. *Ferrugineus*; *thorax orichalceus, vittis tribus nigris*; *alæ flavidæ*.

Dasypogon Winthemi, *Wied.*

South America.

122. DASYPOGON LUCIFER.

Fœm. *Niger*; *antennæ saturate flavæ*; *thorax albo notatus*; *alæ miniatæ, apice fuscæ*.

Dasypogon Lucifer, *Wied. Auss. Zweifl.* i. 388, 34.

Monte Video.

123. DASYPOGON CASTIGANS.

Dasygogon castigans, *Diptera Saundersiana*, Pt. 2, 89.

124. DASYPOGON MISER.

Mas. *Fulvus*; *antennæ nigræ, articulis 1o 2oque subtus fulvis, 3o longissimo*; *thorax vittis tribus nigris*; *abdomen fasciis maculisque nigris*; *femora postica nigro strigata*; *genua posteriora tarsique nigricantia*; *alæ subcinereæ*.

Male. Tawny. Head testaceous; vertex black; face with shining white tomentum. Proboscis and palpi blackish towards the tips. Antennæ black; first and second joints tawny beneath; third very much longer than the first and the second together. Thorax with three black stripes, which are dilated in front, interrupted in the middle, and attenuated hindward; the middle one widely interrupted. Abdomen with black bands, which on the second and third segments are interrupted, and reduced to spots or dots. Hind or hinder femora slightly streaked with black; tarsi and hinder knees mostly black. Wings slightly grayish, with an indistinct pale brownish tinge along the basal half of the costa; veins black, tawny at the base. Halteres testaceous. Length of the body 4—4½ lines; of the wings 6—7 lines.

a, b. Rio Tapayos, Brazil. From Mr. Bates' collection.

125. DASYPOGON EXAMINANS.

Dasygogon examinans, *Diptera Saundersiana*, Pt. 2, 90.

Parà.

126. DASYPOGON INCLUSUS.

Dasygogon inclusus, *Diptera Saundersiana*, Pt. 2, 95.

Parà.

Group —?

A. Thorax niger.

A. Alæ non maculatæ.

a. Abdomen nigrum.

a. Alæ violacæ. - - - - - Gayi, Macq.

b. Alæ rufescentes.

i. Pedes nigri. - - - - - Lebasii, Macq.

ii. Pedes rufi. - - - - - pumilus, Macq.

c. Alæ flavæ. - - - - - flavipennis, Macq.

d. Alæ cineræ. - - - - - crassitarsis, Macq.

B. Abdomen cupreo-nigrum. - - - - - lugubris, Macq.

c. Abdomen nigrum, lateribus posticis fulvis.
breviventris, Macq.

d. Abdomen rufum. - - - - - fallax, Macq.

E. Abdomen testaceum. - - - - - fraternus, Macq.

B. Alæ maculatæ. - - - - - maculipennis, Macq.

B. Thorax cinereus, fusco vittatus. - - - - - longiungulatus, Macq.

C. Thorax fuscanus, fusco vittatus. - - - - - grandis, Macq.

127. DASYPOGON GAYI.

*Niger; abdomen alæque violacea; tibiæ fulvæ.*Dasypogon Gayi, Macq. *Dipt. Exot.* i. 2, 37, 11.

Chili.

128. DASYPOGON LEBASII.

*Mas. Niger; mystax densus, flavidus; alæ rufescentes, venis fusco limbatis.*Dasypogon Lebasii, Macq. *Dipt. Exot.* i. 2, 38, 12.

Colombia.

129. DASYPOGON PUMILUS.

*Fœm. Niger; pedes rufi, femoribus supra nigris; alæ rufescentes.*Dasypogon pumilus, Macq. *Dipt. Exot.* i. 2, 37, 10.

Brazil.

130. DASYPOGON FLAVIPENNIS.

Fœm. *Ater; mystax albidus; antennæ basi, abdominis apex pedesque fulva; thoracis latera testacea; alæ flavæ.*

Dasygogon flavipennis, *Macq. Dipt. Exot. Suppl.* 1, 64, 42, pl. 7, f. 4.

New Grenada. Temperate Region.

131. DASYPOGON CRASSITARSIS.

Mas. *Niger; facies et mystax alba; thorax albido subvittatus; anus albidus; pedes obscure rufi, tarsi crassis; alæ cineræ.*

Dasygogon crassitarsis, *Macq. Dipt. Exot.* i. 2, 36, 8.

Brazil.

132. DASYPOGON LUGUBRIS.

Fœm. *Crassus, hirsutus, ater; abdomen cupreo-nigrum; alæ fusæ.*

Dasygogon lugubris, *Macq. Dipt. Exot. Suppl.* i. 64, 41.

New Grenada.

133. DASYPOGON BREVIVENTRIS.

Niger; antennæ fusæ; abdomen postice fulvo marginatum; pedes fulvi; alæ hyalinæ, basi margineque postico subfuscescentibus.

Dasygogon breviventris, *Macq. Dipt. Exot. Suppl.* 3, 21, 61, pl. 1, f. 13.

Rio Negro.

134. DASYPOGON FALLAX.

Fœm. *Crassus, hirsutus, ater; abdomen rufum, apice nigrum; alæ fusæ.*

Dasygogon fallax, *Macq. Dipt. Exot. Suppl.* 1, 63, 40, pl. 7, f. 5.

New Grenada. Temperate Region.

This species seems to be nearly allied to *D. transiens*.

135. DASYPOGON FRATERNUS.

Fæm. *Niger*; *mystax albus*; *abdomen testaceum, basi apiceque nigris, punctis lateralibus albis*; *alæ venis externo-mediis 3a 4aque ad marginem conjunctis*.

Dasygogon fraternus, *Macq. Dipt. Exot. Suppl.* 1, 63, 39.

Brazil.

136. DASYPOGON MACULIPENNIS.

Mas. *Niger*; *thorax cinereo vittatus*; *alæ subcinereæ, fuscato maculatæ*.

Dasygogon maculipennis, *Macq. Dipt. Exot.* i. 2, 37, 9, pl. 3, f. 8.

Brazil.

137. DASYPOGON LONGIUNGULATUS.

Fæm. *Fuscus*; *thorax cinereus fusco vittatus*; *abdomen fascia dorsali nigra*; *pedes testacei, unguibus elongatis*.

Dasygogon longiungulatus, *Macq. Dipt. Exot.* i. 2, 36, 7.

Brazil.

138. DASYPOGON GRANDIS.

Mas. *Niger*; *mystax albus*; *antennæ articulo 3o subtilus testaceo*; *thorax fuscus, vittis fuscis*; *tibiæ anticæ femoræ testaceæ*; *alæ fuscæ*.

Dasygogon grandis, *Macq. Dipt. Exot. Suppl.* 1, 63, 38, pl. 6, f. 8.

Brazil.

Div. II. Tibiæ anticæ non calcaratæ.

Group 1.

Mystax rarus. Alarum vena externo-media 3a 4aque longe ab alæ marginem connexæ; illa rectangulata.

Prolepsis, Diptera Saundersiana, Pt. 2, 101.

139. DASYPOGON FUMIFLAMMA.

Prolepsis fumiflamma, *Diptera Saundersiana*, Pt. 2, 100, pl. 3, f. 6.
Brazil.

Group 2.

Mas. Corpus mediocre, sublineare, fere nudum. Caput thorace non latius; facies convexa. Mystax rarus, setis nonnullis apud peristoma. Antennæ breves, graciles; articulus 1us linearis; 2us subclavatus, 1o vix brevior; 3us lanceolatus, 1o et 2o conjunctim æqualis. Abdomen cylindricum. Sexualia parva. Pedes gracilis; femora et tibiæ vix setosa; tarsi longi; ungues et onychia parva.

Male. Eyes convex, except a very small part in front, which is flat and composed of large facets. Forks of the cubital vein nearly straight, their base a little nearer than the tip of the discal areolet to the tip of the wing. First and second externo-medial veins proceeding direct to the border; third inclined towards the fourth, but at some distance from it on the border. Subanal nearly connected with the anal on the border.

140. DASYPOGON TRIPARTITUS.

Mas. *Cervinus*; caput subtus nigrum; antennæ et pedes fulva; thorax vittis tribus latis fuscis; abdomen nigricans, apicem versus rufum; alæ cinereæ.

Male. Fawn colour. Head shining, black beneath. Mystax with whitish spines. Proboscis black. Palpi and antennæ tawny. Thorax with three broad brown stripes; side pair shortened in front. Abdomen blackish, hoary beneath and on each side; apical third part red. Legs tawny; tibiæ with a few minute white bristles; ungues black. Wings gray; veins black, tawny at the base. Halteres pale testaceous. Length of the body $3\frac{1}{2}$ lines; of the wings 7 lines.

In one wing of the specimen described the veinlet between the cubital vein and the first externo-medial is double.

a. Santarem, Brazil. From Mr. Bates' collection.

Group —?

A. Alæ non maculatæ.

A. Tarsi basi non albi.

A. Alæ nigræ. - - - - - hirtipes, *Macq.*

n. Alæ fuscæ aut ferrugineæ.

a. Thorax niger.

i. Pedes nigri. - - - - - rufipennis, *Macq.*

ii. Pedes testacei.

* Femora nigra. - - - - - rubiginipennis, *Macq.*** Femora testacea. - - - - - Bonariensis, *Macq.*

b. Thorax nigro-fuscus, lateribus scutelloque testaceis.

fuscipennis, *Macq.*

c. Thorax fulvus.

i. Thorax nigro vittatus. - - - - - dorsalis, *Macq.*ii. Thorax vittis testaceo-fuscescentibus. longipes, *Macq.*d. Thorax testaceus, fusco vittatus. - - - - - fasciatus, *Macq.*c. Alæ subcinereæ. - - - - - fulvicornis, *Macq.*d. Alæ hyalinæ. - - - - - candidus, *Macq.*B. Tarsi basi albi. - - - - - albitarsis, *Macq.*B. Alæ maculatæ. - - - - - punctipennis, *Macq.*

141. DASYPOGON HIRTIPES.

Mas. *Niger; thorax apice scutellumque albida; pedes hirti; alæ nigræ.*Dasygogon hirtipes, *Macq. Dipt. Exot. i. 2, 46, 31.*

Chili.

142. DASYPOGON RUFIPENNIS.

Fæm. *Niger; antennæ fulvæ, basi nigræ; alæ ferrugineæ.*Dasygogon rufipennis, *Macq. Dipt. Exot. i. 2, 45, 28.*

Brazil.

143. DASYPOGON RUBIGINIPENNIS.

Fœm. *Niger, rufo tomentosus; pedes testacei, femoribus nigris; alæ rubiginosæ.*

Dasypogon rubiginipennis, Macq. Dipt. Exot. i. 2, 45, 29.

Brazil.

144. DASYPOGON BONARIENSIS.

Mas. *Niger; thoracis scapulæ vittaque aureo pubescentes; abdominis incisuræ apice aureæ; pedes testacei; alæ fuscæ, postice fuscæ.*

Dasypogon Bonariensis, Macq. Dipt. Exot. i. 2, 194.

Buenos Ayres.

145. DASYPOGON FUSCIPENNIS.

Fœm. *Nigro-fuscus; frons nigra; facies fusca; thoracis latera et scutellum testacea; abdomen basim versus subcontractum, segmentis quatuor apicalibus nonnunquam nigris; pedes testacei; alæ fuscæ, margine postico ad partem maculisque duabus pallide flavescentibus.*

Dasypogon fuscipennis, Macq. Hist. Nat. Dipt. i. 294, 6.

Cayenne.

146. DASYPOGON DORSALIS.

Fœm. *Fulvus; mystax albus; thorax nigro vittatus; abdominis latera et apex fusca; alæ flavidæ, apice fuscæ.*

Dasypogon dorsalis, Macq. Dipt. Exot. Suppl. 3, 20, 60, pl. 1, f. 12.

Rio Negro.

147. DASYPOGON LONGIPES.

Fulvus ; abdominis incisuræ nigræ ; tibiæ intermediæ longæ, simplices ; alæ fusco-flavæ.

Microstylum longipes, Macq. Dipt. Exot. i. 2, 30, 8, pl. 2, f. 4.

Brazil.

148. DASYPOGON FASCIATUS.

Testaceus ; frons, facies, mystax et antennæ pallide fulvæ ; thorax fusco vittatus ; abdominis segmenta fusco-fasciata ; alæ fuscescentes, basi flavescences, venis externo-mediis 3a et 4a conjunctis.

Dasypogon fasciatus, Macq. Hist. Nat. Dipt. i. 295, 9.

Cayenne.

149. DASYPOGON FULVICORNIS.

Mas. Niger ; antennæ fulvæ, basi nigræ ; thorax cinereus, vittis tribus nigris ; tibiæ tarsi que anteriora testacea ; alæ subcinereæ.

Dasypogon fulvicornis, Macq. Dipt. Exot. Suppl. 1, 67, 47, pl. 7, f. 1.

Brazil.

150. DASYPOGON CANDIDUS.

Mas. Candidus ; antennæ pedesque nigra ; abdominis segmenta 3um, 6um, 7umque fusca ; alæ hyalinæ.

Dasypogon candidus, Macq. Dipt. Exot. Suppl. 1, 67, 48.

Vera Cruz.

151. DASYPOGON ALBITARSIS.

Fœm. Ater, gracilis ; mystax albus ; thorax lineis albis ; tarsi basi albi ; alæ elongatæ, angustæ, margine fusco.

Dasypogon albitarsis, Macq. Dipt. Exot. Suppl. 1, 66, 46, pl. 7, f. 7.

Brazil.

152. DASYPOGON PUNCTIPENNIS.

Fœm. *Ater, tibiæ tarsique anteriora testacea; alæ subhyalinæ, fusco punctatæ.*

Dasygogon punctipennis, Macq. Dipt. Exot. i. 2, 46, 30.

Chili.

Div. —?

- A. Alæ nigræ. - - - - - Satanæ, *Wied.*
- B. Alæ fuscæ.
 - A. Thorax chalybeus. - - - - - aurarius, *Wied.*
 - B. Thorax ferrugineus. - - - - - cædens, *Wied.*
 - C. Thorax niger.
 - A. Thorax vittatus.
 - a. Abdomen totum nigrum. - - - caiennensis, *Fabr.*
 - b. Abdomen basi rufum. - - - semirufus, *Wied.*
 - B. Thorax non vittatus.
 - a. Abdomen apice rubidum. - - - hirtuosus, *Wied.*
 - b. Abdomen totum nigrum. - - - caminarius, *Wied.*
 - D. Thorax ochraceus. - - - aberrans, *Wied.*
 - C. Alæ flavescens.
 - A. Thorax niger, vittis pallidis.
 - A. Alæ apice fuscæ.
 - a. Abdomen fasciatum.
 - i. Antennæ nigræ. - - - ornatus, *Wied.*
 - ii. Antennæ flavæ. - - - mundatus, *Wied.*
 - b. Abdomen non fasciatum. - - - capnopterus, *Wied.*
 - B. Alæ omnino flavescens. - - - flavipennis, *Wied.*
 - B. Thorax fuscus aut auratus.
 - A. Pedes nigri. - - - coffeatus, *Wied.*
 - B. Pedes badii aut rufescentes.
 - a. Abdomen nigrum, maculis auratis. - intactus, *Wied.*
 - b. Abdomen fuscum. - - - reticulatus, *Fabr.*
 - c. Abdomen rubidum.
 - i. Antennarum articulus 3us dilatatus. equestris, *Wied.*
 - ii. Antennarum articulus 3us non dilatatus. Miles, *Wied.*
 - D. Alæ limpidæ.
 - A. Alæ apice fuscæ.
 - A. Thorax niger, lateribus fulvis. - - - rutilus, *Wied.*
 - B. Thorax rufus, vittis nigris. - - - ardens, *Wied.*

- B. Alæ apud costam fuscæ.* - - fuliginosus, *Wied.*
C. Alæ basi fuscæ. - - coriaceus, *Wied.*
D. Alæ omnino limpidæ.
 A. *Thorax flavidus.*
 a. Thorax vittis nigris. - - - necans, *Wied.*
 b. Thorax vittis fuscis. - - - vittatus, *Wied.*
 B. *Thorax albidus, vittis rubidis.* - - tessellatus, *Wied.*

153. DASYPOGON SATANAS.

Mas. Ater; alæ nigræ, apice et litura ad marginem internum flavidis.

Dasypongon Satanas, Wied. Auss. Zweifl. i. 401, 56.

Monte Video.

154. DASYPOGON AURARIUS.

Niger; thorax chalybeus, fulvo hirtus; abdomen pilis densis appressis aurarius; alæ subfuscescentes.

Dasypongon aurarius, Wied. Dipt. Exot. i. 229, 29; Auss. Zweifl. i. 410, 71.

Brazil.

155. DASYPOGON CÆDENS.

Mas. Ferruginoso-fuscus; antennæ flavo-fuscæ; abdomen longum, apice nigrum; pedes lutei, tibiis posticis nigro-fuscis; alæ fuscæ.

Dasypongon cædens, Wied. Auss. Zweifl. i. 584, 19.

Brazil.

156. DASYPOGON CAIENNENSIS.

Niger; thorax vitta media orichalcea fusco divisa, lateribus scutello et metathorace orichalceis; alæ fuscæ.

Asilus cayennensis, Fabr. Mant. Ins. ii. 360, 32; Ent. Syst. iv. 386, 45.

Laphria cajennensis, *Fabr. Syst. Antl.* 162, 25.

Dasygogon cainnensis, *Wied. Dipt. Exot.* i. 220, 12; *Auss. Zweifl.* i. 383, 27.

Cayenne.

157. *DASYPOGON SEMIRUFUS*.

Niger; thorax vittis duabus flavis; abdomen basi rufum; alæ fusæ, basi ad costam flavæ.

Dasygogon semirufus, *Wied. Auss. Zweifl.* i. 393, 42.

Brazil.

158. *DASYPOGON HIRTUOSUS*.

Niger, flavido hirtus; abdomen incisuris anoque rubidis; alæ subfuscescentes.

Dasygogon hirtuosus, *Wied. Dipt. Exot.* i. 227, 25; *Auss. Zweifl.* i. 402, 59.

Brazil.

159. *DASYPOGON CAMINARIUS*.

Niger; thorax fuliginosus; abdomen basi fuscum; pedes picci, femoribus apice tarsisque ochraceo-fuscis; alæ fusæ.

Dasygogon caminarius, *Wied. Auss. Zweifl.* i. 585, 20.

Brazil.

160. *DASYPOGON ABERRANS*.

Ochraeus, mystax albus; thorax orichalceo micans, vittis tribus ochraceo-fuscis; abdominis incisuræ flavescentes; alæ subfuscescentes.

Dasygogon aberrans, *Wied. Auss. Zweifl.* 389, 35.

South America.

161. DASYPOGON ORNATUS.

Ater; thorax vittis tribus albidis; alæ flavidæ, apice fuscæ.

Mas.—Abdomen atrum, fasciis duabus lateribusque albidis.

Fœm.—Abdomen testaceum, basi atrum.

Laphria ornata, Wied. Zool. Mag. iii. 49, 13.

Dasygogon ornatus, Wied. Dipt. Exot. i. 222, 14; Auss. Zweifl. i. 386, 31.

Brazil.

162. DASYPOGON MUNDATUS.

Fœm. *Niger*; antennæ fusco-flavæ; thorax vittis tribus flavis; abdominis segmenta flavo fasciata; pedes flavidi, tarsorum articulis apice nigris.

Dasygogon mundatus, Wied. Auss. Zweifl. i. 569, 56.

Brazil.

163. DASYPOGON CAPNOTERUS.

Niger; thorax vittis antice flavis postice canis; alæ flavidæ, costa apiceque infumatis; tarsi basi fuscii.

Dasygogon capnoterus, Wied. Auss. Zweifl. i. 376, 15.

Monte Video.

164. DASYPOGON FLAVIPENNIS.

Mas. *Niger*; thorax vittatus, interstitiis luteis; abdominis incisuræ intermediæ flavescences; pedes antice fuscano-lutei, superne fuscii; alæ flavescences.

Dasygogon flavipennis, Wied. Auss. Zweifl. i. 376, 16.

Brazil.

165. DASYPOGON COFFEATUS.

Mas. *Ferrugineo-fuscus*; abdomen nigrum, fasciis schistaceis; pedes nigri; alæ flavæ.

Dasygogon coffeatus, Wied. Zool. Mag. iii. 49, 12; Dipt. Exot. i. 217, 5; Auss. Zweifl. i. 374, 12.

Brazil.

166. DASYPOGON INTACTUS.

Thorax auratus, fuscato vittatus; abdomen nigrum, incisuris maculisque utrinque trigonis auratis; pedes ferruginosi; alæ flavescentes, apice subfuscescentes.

Dasygogon intactus, Wied. Auss. Zweifl. i. 371, 9.

South America.

167. DASYPOGON RETICULATUS.

Mas. *Fuscus; thorax ferrugineo lineatus; abdomen fasciis glabris cinerascens; pedes rufescentes; alæ flavescentes.*

Laphria reticulata, Fabr. Syst. Antl. 160, 19.

Dasygogon reticulatus, Wied. Dipt. Exot. i. 212, 6; Auss. Zweifl. i. 378, 20.

South America.

168. DASYPOGON EQUESTRIS.

Fœm. *Rubidus; antennæ articulo 3o dilatato; thorax orichalceus, fusco vittatus; abdomen utrinque fuscum et orichalceum, apice croceum; pedes badii; alæ subflavescentes, apice subcinereæ.*

Dasygogon equestris, Wied. Auss. Zweifl. i. 392, 41.

Brazil.

169. DASYPOGON MILES.

Fœm. *Rubidus; thorax fulvidus, vittis rubidis; alæ subflavescentes, apice subcinereæ.*

Dasygogon Miles, Wied. Auss. Zweifl. i. 393, 43.

Brazil.

170. DASYPOGON RUTILUS.

Niger; thoracis latera abdominisque maculæ laterales fulvæ; pedes subferruginei; alæ limpidæ, apice subfuscescentes.

Dasygogon rutilus, Wied. Dipt. Exot. i. 231, 32; Auss. Zweifl. i. 370, 6.

Brazil.

171. DASYPOGON ARDENS.

Fœm. *Rufus, fulvo pilosus; thorax vittis nigris; abdomen basi nigrum; alæ apice margineque fusciscentibus.*

Dasypogon ardens, Wied. *Auss. Zweifl.* i. 391, 39.

Brazil.

172. DASYPOGON FULIGINOSUS.

Mas. *Fuliginosus; abdomen nigrum, basi fuscum; pedes nigro-picei, tibiis ochraceo-fusciscentibus; alæ apud costam fuscæ.*

Dasypogon fuliginosus, Wied. *Dipt. Exot.* i. 208, 8; *Auss. Zweifl.* i. 380, 22.

Brazil.

173. DASYPOGON CORIACEUS.

Coriaceus; thorax vittis latissimis fuscis; abdomen fuscum, fuscia coriacea; alæ basi fusce.

Dasypogon coriaceus, Wied. *Dipt. Exot.* i. 230, 30; *Auss. Zweifl.* i. 411, 73.

Brazil.

174. DASYPOGON NECANS.

Mas et Fœm. *Flavidus; antennæ rufescentes; thorax vittis tribus nigris; abdomen vitta lata nigra; pedes fusci; alæ limpide.*

Dasypogon necans, Wied. *Auss. Zweifl.* i. 392, 40.

Brazil.

175. DASYPOGON VITTATUS.

Mas. *Flavidus; caput ferrugineum; thorax fusco vittatus; abdomen cinerascens, nigro vittatum; pedes fusciani; alæ limpidissimæ.*

Dasypogon vittatus, Wied. *Auss. Zweifl.* i. 389, 36.

Monte Video.

176. *DASYPOGON TESSELLATUS*.

Mas. *Albidus* ; thorax vittis quinque rubidis ; abdomen fuscato tessellatum ; pedes ferruginei ; alæ limpidissimæ.

Dasypogon tessellatus, Wied. *Auss. Zweifl.* i. 390, 38.

Monte Video.

Africa.

Div. I. Tibiæ anticæ apice calcaratæ.

Group 1.

Corpus gracile, fere nudum. Caput thorace vix latius. Frons plana, nuda, mystax setis duabus apud epistoma. Pedes validi ; tibiæ anticæ calcaribus minimis.

Forks of the cubital vein nearly straight, their base a little nearer than the end of the discal areolet to the tip of the wing ; first and second externo-medial veins nearly straight ; third inclined to the fourth, but at some distance from it on the border ; subanal at some distance from the anal on the border.

177. *DASYPOGON HUMERALIS*.

Mas. *Fuscus* ; antennæ et humeri rubiginea ; abdomen nigrum ; alæ subcinereæ.

Dasypogon humeralis, Wied.

Cape.

Group 2.

Corpus gracile, fere nudum. Caput thorace vix angustius. Frons plana, nuda. Mystax setis quatuor apud epistoma. Pedes validi ; tibiæ anticæ calcaribus parvis.

Fore fork of the cubital vein undulating, hind fork slightly curved, their base a little nearer than the end of the discal areolet to the tip of the wing ; first and second externo-medial veins nearly straight ; third very slightly inclined to the fourth, and far apart from it on the border ; subanal near the anal on the border.

A. Abdomen vitta dorsali nigra.

A. Venæ cubitalis furca 1a angulata. - Anaxilas, *Walk.*

B. Venæ cubitalis furca non angulata. - Alcippe, *Walk.*

B. Abdomen ferrugineum.

A. Thorax trivittatus. - - - - - letifer, *Walk.*

B. Thorax bivittatus. - - - - - videns, *Walk.*

178. DASYPOGON ANAXILAS.

Dasygogon Anaxilas, *Cat. of Diptera*, 2, 324.

This species may be a variety of *D. Alcippe*, but the first fork of the cubital vein is angular near its base, and the third externo-medial vein is more remote from the fourth on the border.

179. DASYPOGON ALCIPPE.

Dasygogon Alcippe, *Cat. of Diptera*, 2, 338.

180. DASYPOGON LETIFER.

Dasygogon letifer, *Diptera Saundersiana*, Pt. 2, 89.

Caffraria?

181. DASYPOGON VIDENS.

Dasygogon videns, *Diptera Saundersiana*, Pt. 2, 93.

Group 3.

Dasygogon, *Loew*.

182. DASYPOGON CRASSUS.

Niger, crassus; pedes hirti; halteres fulvi. Mas.—*Alæ fuscæ.*

Fœm.—*Abdominis segmenta 2um, 3um et 4um supra fusco-rubrescentia; alæ flavidæ.*

Dasygogon crassus, *Macq. Expl. Scient. Alg.* 361; *Ins.* 433, 53, pl. 1, f. 12.

Algeria.

D. punctatus is nearly allied to this species, but may be distinguished by its brown halteres.

Group 6.

Corpus gracile. Caput, thorax et abdomen basi densissime hirta. Caput thorace vix angustius. Facies plana, hirta. Mystax densissime hirtus. Antennarum articulus 3us fusiformis, 1o et 2o conjunctim multo longior. Pedes sat validi, hirti; tibiæ anticæ calcaribus parvis.

Forks of the cubital vein nearly straight, their base a little nearer to the tip of the wing than the end of the discal areolet; first and second externo-medial veins straight; third much inclined to the fourth, and near it on the border; subanal joining the anal on the border.

183. DASYPOGON CLÆLIUS.

Dasygogon Clælius, *Cat. of Diptera*, 2, 351.

Group 5.

Fæm. Corpus sat gracile, fere nudum. Caput thorace vix angustius. Facies plana, nuda. Mystax setis quatuor. Antennarum articulus 2us 1o brevior; 3us fusiformis, 1o et 2o conjunctim longior. Pedes sat graciles, fere nudi; tibiæ anticæ calcaribus parvis.

Forks of the cubital vein nearly straight, their base very little nearer than the end of the discal areolet to the tip of the wing; first and second externo-medial veins straight; third inclined to the fourth and not far from it on the border; subanal joining the anal on the border.

184. DASYPOGON TAPULUS.

Dasygogon Tapulus, *Cat. of Diptera*, 2, 351.

Group 8.

Mas. Corpus mediocre, gracile, fere nudum. Caput thorace paullo latius. Facies plana, nuda. Mystax quadrisetosus. Oculi magni. Antennæ sat longæ; articulus 1us linearis, 2o multo longior; 3us obconicus; 3us longifusiformis, 1o et 2o conjunctim paullo longior. Abdomen longiobelavatum, apice nitens. Sexualia magna. Pedes graciles; ungues et onychia parva: tibiæ anticæ calcaribus parvis.

Forks of the cubital vein slightly curved, their base a little nearer than the end of the discal areolet to the tip of the wing. Four externo-medial veins proceeding nearly directly to the border; third and fourth slightly inclined to each other, but at some distance apart on the border; subanal joining the anal on the border: discal areolet nearly pentagonal, rather long and narrow.

185. DASYPOGON LIMBITHORAX.

Fœm. *Gracilis niger, antennæ pedesque testacea; thorax vittis lateralibus albidis; alæ fuscae.*

Dasypogon limbithorax, Macq. Dipt. Exot. Suppl. i. 60, 34.

Caffraria.

Group —?

A. Alæ fuscae. - - - - - longicornis, *Macq.*

B. Alæ hyalinæ.

A. Abdomen albo non maculatum. - - - Olivierii, *Macq.*

B. Abdomen albo maculatum. - - - Ægyptius, *Macq.*

186. DASYPOGON LONGICORNIS.

Mas. *Niger, gracilis; antennæ capite duplo longiores; scutellum, abdomen pedesque rufa; alæ fuscae, basi flavescences.*

Dasypogon longicornis, Macq. Dipt. Exot. i. 2, 192.

Egypt.

187. DASYPOGON OLIVIERII.

Mas. *Niger; thorax albido trilineatus; abdomen fulvum, nigro cinctum, lateribus nigro maculatis; alæ subflavo hyalinæ.*

Dasygogon Olivierii, Macq. Dipt. Exot. i. 2, 33, 1.

Egypt.

188. DASYPOGON ÆGYPTIUS.

Mas. *Niger; abdominis segmenta 2o ad 7um fulva luteribus nigris, 2um et 3um marginibus posticis albo maculatis; tibiæ tarsique fusca; alæ hyalinæ, basi subfuscæ.*

Dasygogon Ægyptius, Macq. Dipt. Exot. i. 2, 33, 2.

Egypt.

Div. II. Tibiæ anticæ non calcaratæ.

Group 1.

This group may be divided into two sub-groups.

Sub-group 1.

Corpus magnum aut maximum, robustum. Caput thorace paullo angustius. Facies nuda, vix convexa. Mystax apud peristoma dense setosus. Antennæ sat longæ; articulus 1us 2o paullo longior; 3us subclavatus, 1o et 2o conjunctim multo longior. Prothorax crassus. Abdomen fere nudum, plus dimidio basali hirtum, apicem versus nitens; anus spinis armatus. Pedes validi, setosi; ungues et onychia magna.

Microstylum, p., Macq. Dipt. Exot. i. 2, 26, 3.

Forks of the cubital vein opposite at the base to the end of the discal areolet; fore fork curved forward; hind fork curved hindward towards the first externo-medial vein. First and second externo-medial veins straight; third obsolete beyond the discal areolet; fourth straight, joined to the third by a long slightly

undulating veinlet; subanal joining the anal very near the border. Discal areolet very long and narrow.

The stouter body, thicker mystax, shorter wings and some other peculiarities distinguish this sub-group from *Megapollyon*.

Sub-group 2.

Corpus maximum, setosum, dense pilosum. Caput thorace angustius; facies nuda, subconvexa. Mystax setis octa validus apud peristoma. Barba densa. Antennæ sat longæ; articulis 1us 2o longior; 3us longissime fusiformis, 1o et 2o conjunctim longior. Thoracis dorsum pubescens, latera setosa. Abdomen plus dimidio basili obscurum, dense hirtum, apicem versus nitens, nudum aut nudiusculum; annis spinis armatus. Pedes validi setosi, pilosi; ungues et onychia magna.

Microstylum, p., *Macq.*

Megapollyon, *Walk. Insecta Saundersiana*, Pt. 2, 85.

Forks of the cubital vein nearly straight, their base much nearer than the end of the discal areolet to the tip of the wing. First externo-medial vein much curved forward near its base; second straight; third obsolete beyond the discal areolet, or appearing only as the stump of a vein; fourth proceeding nearly straight to the border, joined to the third by a long slightly undulating veinlet, which is nearly parallel to the border of the wing; subanal joining the anal far from the border. Discal areolet very long and narrow.

A. Alæ non maculatæ.

A. Alæ nigricantes. - - - - - acutirostris, *Loew.*

B. Alæ nigræ, basi albæ. - - - - - Pica, *Macq.*

C. Alæ fuscæ.

A. Alæ costa ferruginea.

a. Barba *feminae* nigra. - - - - - Barbarossa *Wied.*

b. Barba *feminae* fulva. - - - - - Serranus, *Walk.*

B. Alæ costa non ferruginea.

a. Thorax disco nigro. - - - - - Blæsus, *Walk.*

b. Thorax vittis quatuor piccis. - - - - - Saverrio, *Walk.*

D. Alæ fuscæ, venis flavo limbatis. - - - - - venosus, *Wied.*

E. Alæ fusco lituratæ. - - - - - gigas, *Wied.*

F. Alæ subferrugineæ. - - - - - capensis, *Wied.*

G. Alæ subflavescentes.	-	-	-	-	-	rubripes, <i>Macq.</i>
H. Alæ hyalinæ.	-	-	-	-	-	simplicissimus, <i>Loew.</i>
I. Alæ lacteæ.	-	-	-	-	-	lacteipennis, <i>Wied.</i>
B. Alæ maculatæ.	-	-	-	-	-	afer, <i>Wied.</i>

189. DASYPOGON ACUTIROSTRIS.

Thorax fusco-cinereus, striis nigris nitidis, lateralibus e maculis duabus compositis, intermedia duplici; abdomen fulvenscens, ad basim et ab segmento 5o nigrum; alæ nigricantes.

Microstylum acutirostre, Loew, Bericht Verhandl. Kon. Preuss. Akad. Wissensch. Berl. 1852, 658, 9.

Mozambique.

190. DASYPOGON PICA.

Mas. *Rufescens; thorax vittis nigris; antennæ, mystax pedesque nigra; abdomen nigrum, incisuris flavis; alæ nigrae, basi albæ.*

Microstylum Pica, Macq. Dipt. Exot. Suppl. i. 59, 12, pl. 6, f. 6.

Caffraria.

a. Port Natal. From M. Gueinzus' collection.

191. DASYPOGON BARBAROSSA.

Niger; alæ fusca, ad costam rubida. Mas.—Barba rufa. Fœm.—Barba nigra.

Dasypongon Barbarossa, Wied. Auss. Zweifl. i. 370, 7.

Microstylum Barbarossa, Macq. Dipt. Exot. i. 2, 29, 5.

Cape. Madagascar.

192. DASYPOGON SERRANUS.

Dasypongon Serranus, Cat. of Diptera, 2, 308.

a. Port Natal. From M. Gueinzus' collection.

This may be a variety of *D. Barbarossa*.

193. DASYPOGON BLÆSUS.

Dasygogon Blæsus, *Cat. of Diptera*, 2, 309.

194. DASYPOGON SAVERRIO.

Dasygogon Saverrio, *Cat. of Diptera*, 2, 309.

195. DASYPOGON VENOSUS.

Badius; *tarsi apice nigri*; *alæ fuscæ*, *venis flavo limbatis*.

Dasygogon venosus, *Wied.*

South Africa.

196. DASYPOGON GIGAS.

Fuscus; *abdomen nigrum*, *segmentis mediis*, *incisuris lateribusque subtestaceis*; *alæ fusco lituratae*.

Dasygogon gigas, *Wied. Dipt. Exot. i.* 216, 3; *Auss. Zweifl. i.* 369, 5, pl. 6, f. 3.

Cape.

197. DASYPOGON CAPENSIS.

Ochraceus; *abdomen nigrum*, *maculis lateralibus cinereis*; *alæ subferrugineæ*.

Asilus capensis, *Fabr.*

South Africa.

198. DASYPOGON RUBRIPES.

Ater; *facies ferrugineo-fusca*; *abdomen rufo fasciatum*; *pedes testacri*; *alæ subflavescentes*.

Microstylum rubripes, *Macq. Dipt. Exot. i.* 2, 28, 3.

Cape.

199. DASYPOGON SIMPLICISSIMUS.

Obscure flavo-cinereus; facies tota barbata; alæ hyalinæ, venis versus marginem posteriorem multo tenuioribus, venæ cubitalis ramo postico vena externo-media 1a conjuncto.

Microstylum simplicissimum, Loew, Bericht Verhandl. Kon. Preuss. Akad. Wissensch. Berl. 1852, 658, 8.

Mozambique.

200. DASYPOGON LACTEIPENNIS.

Niger; abdomen utrinque vitta cinerea; pedes obscure badii; alæ lacteæ.

Dasygogon lacteipennis, Wied.

South Africa.

201. DASYPOGON AFER.

Fœm. Thorax cæsius nigellus, fusco vittatus; abdomen piceum, incisuris rubidis, marginibus albidis; pedes rubidi; alæ fuscato plagiatae.

Dasygogon afer, Wied.

South Africa.

Group 2.

Corpus longum. Caput et thorax hirta et setosa. Caput thorace multo angustius. Facies convexa. Mystax dense setosus. Antennarum articulus 3us sublinearis, arista longa, articulis 1o et 2o conjunctim paullo longior. Abdomen pubescens, alis longius. Pedes validi, setosi.

Sub-group 1.

Forks of the cubital vein much nearer than the end of the discal areolet to the tip of the wing; fore fork undulating; hind fork slightly inclined near its tip to the first externo-medial, which, like the second, is almost straight; third externo-medial much inclined to the fourth, but at some distance from it on the border; subanal joining the anal on the border.

Type *D. Scheno*.

A. Thorax quadrivittatus.	-	-	-	-	Scheno, <i>Walk.</i>
B. Thorax trivittatus.	-	-	-	-	dilutus, <i>Walk.</i>

202. DASYPOGON SCHENO.

Dasygogon Scheno, Cat. of Diptera, 2, 312.

203. DASYPOGON DILUTUS.

Dasygogon dilutus, Diptera Saundersiana, Pt. 2, 98.

Cape.

Sub-group 2.

Forks of the cubital vein a little nearer than the end of the discal areolet to the tip of the wing: fore fork slightly undulating; hind fork straight; first and second externo-medial veins straight; third joining the fourth at some distance from the border; subanal almost joining the anal on the border.

204. DASYPOGON ANTIGENES.

Dasygogon Antigenes, Cat. of Diptera, 2, 312.

Group 3.

Corpus elongatum, fere nudum. Caput thorace paullo angustius. Facies plana. Antennarum articulus 3us clavatus, 1o et 2o conjunctim vix brevior. Abdomen tomentosum. Pedes robusti, setosi.

Forks of the cubital vein slightly curved from each other, their base opposite the end of the discal areolet. First externo-medial extremely curved near its base, more than twice further at its end from the second externo-medial than from the hind fork of the cubital; second and fourth proceeding nearly straight to the border; third undulating hindward and joining the fourth at a considerable distance from the border. Subanal joining the anal on the border.

205. DASYPOGON SPURINUS.

Dasypogon Spurinus, *Cat. of Diptera*, Pt. 2, 323.

Group 4.

Stichopogon, *Loew*.

A. Alæ non punctatæ.

A. Femora antica vix incrassata. - - gigantellus, *Loew*.

B. Femora antica valde incrassata. - - Mantis, *Loew*.

B. Alæ puncto nigro. . - - punctatus, *Loew*.

206. DASYPOGON GIGANTELLUS.

Cinereus; abdomen cingulis sex latis, albis, æqualibus, tenuiter interruptis.

Stichopogon gigantellus, *Loew*, *Bericht Verhandl. Kon. Preuss. Akad. Wissensch. Berl.* 1852, 658, 6.

Mozambique.

207. DASYPOGON MANTIS.

Obscure flavido-cinereus; facies angustissima; femora antica basi valde incrassata, fere trigona, subtus spinosissima; tibiæ anticæ intus nigro spinosæ, reliquis crassiores; alarum vena externo-media 2a brevis, ab 3a longe remota; 3a et 4a longe ante marginem; alæ conjunctæ.

Stichopogon Mantis, *Loew*, *Bericht Verhandl. Kon. Preuss. Akad. Wissensch. Berl.* 1852, 659, 10.

Mozambique.

208. DASYPOGON PUNCTATUS.

Fusco-cinereus; alæ cinereo-hyalinæ, puncto minuto nigro distinctissimo signatæ.

Stichopogon punctatum, *Loew*, *Bericht Verhandl. Kon. Preuss. Akad. Wissensch. Berl.* 1852, 658, 7.

Mozambique.

Group 5. *Xiphocerus*, *Loew*.209. *DASYPOGON REYNAUDII*.

Mas. *Niger*; *thorax fulvo marginatus*; *abdomen albo fasciatum, segmentis ultimis fulvis*; *pedes fulvi*; *alæ subfuscæ, ad costam flavæ*.

Xiphocera Reynaudii, *Macq. Dipt. Exot.* i. 2, 48, 1, pl. 3, f. 9.

Cape.

Group 6. *Aenephalum*, *Loew*.

- | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|------------------------|
| A. Pedes nigri. | - | - | - | - | - | - | - | brevis, <i>Macq.</i> |
| B. Tibiæ rufæ. | - | - | - | - | - | - | - | curtus, <i>Wied.</i> |
| C. Tibiæ tarsique testacea. | - | - | - | - | - | - | - | dorsalis, <i>Macq.</i> |

210. *DASYPOGON BREVIS*.

Mas. *Ater, flavido hirsutus*; *vertex pilis rubris*; *alæ basi subfuscæ, venæ cubitalis ramus posticus venâ externo-media 1a conjunctus*; *vena externo-media 3a 4a conjuncta*.

Aenephalum breve, *Macq. Dipt. Exot.* i. 2, 52, 2, pl. 4, f. 3.

Cape.

211. *DASYPOGON CURTUS*.

Mas. *Niger, albido hirtus*; *tibiæ posticæ rufæ*.

Dasygogon curtus, *Wied. Zool. Mag.* iii. 6, 7; *Dipt. Exot.* i. 229, 28; *Auss. Zweifl.* i. 409, 70.

Cape.

212. *DASYPOGON DORSALIS*.

Fœm. *Ater*; *femora subtus rufa, tibiæ tarsique testacea*; *alæ hyalinae, basi subfusca*.

Aenephalum dorsale, *Macq. Dipt. Exot.* i. 2, 52, 3, pl. 4, f. 4.

Cape.

Group 7. Pycnopogon? Loew.

A. Thorax vittatus.

A. Pedes fulvi. - - - - - andrenoides, Wied.

B. Pedes nigri. - - - - - quadratus, Wied.

B. Thorax non vittatus. - - - - - apiformis, Macq.

213. DASYPOGON ANDRENOIDES.

Niger, cinerascens hirtus; thorax apice vittulis tribus; abdomen fasciis albo pilosis; pedes fulvi, femoribus supra nigris; alæ basi costa et apud venas transversas fuscæ.

Dasypogon andrenoides, Wied. Auss. Zweifl. i. 403, 61.

Cape.

214. DASYPOGON QUADRATUS.

Niger, cinerascens hirtus; thorax apice vittulis tribus albis; abdominis margo flavo hirtus.

Dasypogon quadratus, Wied. Auss. Zweifl. i. 404, 62.

Cape.

215. DASYPOGON APIFORMIS.

Mas et Fœm. *Niger, latus, flavo pilosus; mystax flavus; alæ flavidæ.*

Dasypogon apiformis, Macq. Expl. Scient. Alg. iii. Ins. 436, 60, pl. 2, f. 7.

Algeria.

Group 8.

Corpus mediocre, sublineare, pubescens, parce setosum. Caput thorace paullo angustius. Facies plana, epistoma versus subconvexa. Mystax setis plurimis, faciei trientem basalem occupans. Pedes robusti, setosi.

Forks of the cubital vein nearer at the base than the end of the discal areolet to the tip of the wing; fore fork slightly undulating; hind fork nearly straight. Four externo-medial veins separate, proceeding nearly straight to the border. Subanal and anal united at a long distance from the border.

216. *DASYPOGON* LEVINUS.

Dasypogon Lævinus, *Cat. of Diptera*, 2, 358.

Group 9.

Corpus breve, crassus, parce pilosum et setosum. Caput thorace paullo angustius. Facies plana. Mystax setosus, faciem usque ad antennis occupans. Pedes robusti, pilosi, setosi.

Forks of the cubital vein curved from each other, their base opposite the end of the discal areolet; fore fork near its base angular, and emitting a short branch towards the base of the wing. First externo-medial joining the hind fork of the cubital at some distance from the border; second proceeding straight to the border; third connected with the fourth at some distance from the border. Subanal united to the anal very near the border.

217. *DASYPOGON* LUSCINIUS.

Dasypogon Luscinius, *Cat. of Diptera*, 2, 360.

Group —?

A. *Areola discalis simplex.*

A. *Alæ nigræ.* - - - - - *maurus, Macq.*

B. *Alæ fuscæ.*

A. *Pedes fulvo-rubri.* - - - - - *obscuripennis, Macq.*

B. *Pedes nigri.* - - - - - *pusillus, Macq.*

C. *Alæ rufescentes.*

A. *Pedes nigri.* - - - - - *rubiginipennis, Macq.*

B. *Pedes fulvi.* - - - - - *tenuis, Macq.*

D. *Alæ flavescentes.*

A. *Pedes nigri, femoribus testaceis.* - *flavipennis, Macq.*

n. Pedes pallidi.

a. Abdomen nigrum.

i. Frons non aurata. - - - longus, *Macq.*ii. Frons aurea. - - - aurifrons, *Macq.*b. Abdomen rubrum. - - - rubriventris, *Macq.*

E. Alæ subcinereæ aut hyalinæ.

A. Pedes nigri.

a. Abdomen non punctatum. - - - nitidus, *Macq.*b. Abdomen punctis albis. - - - pusio, *Macq.*

B. Pedes pallidi.

a. Antennæ nigræ. - - - scapularis, *Macq.*b. Antennæ rufæ. - - - pygmæus, *Macq.*B. Areola discalis duplicata. - - - heteroneurus, *Macq.*

218. DASYPOGON MAURUS.

Niger ; *mystax* et *barba* nigra ; *thorax* vittatus ; *alæ* nigricantes ; *halteres* fulvi. Mas.—*Facies* argentea. Fœm.—*Facies* aurata ; *abdominis* segmenta 3um, 4um et 5um supra rufa.

Dasypogon maurus, *Macq. Expl. Scient. Alg.* iii. *Ins.* 435, 57, pl. 2, f. 1.

Algeria.

219. DASYPOGON OBSCURIPENNIS.

Niger ; *mystax* flavus ; *barba* nigra ; *pedes* fulvo-rubri ; *alæ* fuscæ, *basi* flavæ, *apice* et *apud costam* limpidæ ; *halteres* fulvi. Fœm.—*Abdomen* testaceum, *apice* nigrum.

Dasypogon obscuripennis, *Macq. Expl. Scient. Alg.* iii. *Ins.* 434, 5, pl. 2, f. 2.

Algeria.

220. DASYPOGON PUSILLUS.

Fœm. *Niger*, nitidus ; *facies* et *mystax* flavida ; *alæ* subfuscæ.

Dasypogon pusillus, *Macq. Dipt. Exot.* i. 2, 42, 22 ; *Expl. Scient. Alg.* iii. *Ins.* 439, 68.

Algeria.

221. DASYPOGON RUBIGINIPENNIS.

Fœm. *Niger, flavido pilosus; mystax albidus; abdomen angustum; tibiæ basi testaceæ; alæ rufescentes; halteres fulvi.*

Dasygogon rubiginipennis, Macq. *Expl. Scient. Alg.* iii. *Ins.* 4, 35, 56, pl. 2, f. 5.

Algeria.

222. DASYPOGON TENUIS.

Fœm. *Gracilis, niger; facies mystaxque flavida; thorax fuscianus, vittis tribus nigris; pedes fulvi, femoribus posticis nigris; alæ rufescentes.*

Dasygogon tenuis, Macq. *Dipt. Exot.* i. 2, 42, 20; *Expl. Scient. Alg.* iii. *Ins.* 437, 61.

Algeria.

223. DASYPOGON FLAVIPENNIS.

Mas. *Flavido-cinereus; antennæ nigræ, apice testaceæ; mystax albidus; thorax vittis fuscianis; pedes nigri, femoribus testaceis; alæ flavæ.*

Dasygogon flavipennis, Macq. *Dipt. Exot. Suppl.* 1, 59, 11.

Caffraria.

224. DASYPOGON LONGUS.

Fœm. *Niger; thorax fuscianus, albo lineatus; abdomen elongatum; pedes fulvi, femora supra nigra; alæ subflavæ.*

Dasygogon longus, Macq. *Dipt. Exot.* i. 2, 43, 23.

Egypt.

225. DASYPOGON AURIFRONS.

Niger; frons aurea; thorax cinereo tomentosus, nigro trivittatus; pedes fulvi; alæ flaresecentes, venis fuscis. Mas.—*Abdomen incisuris albis.* Fœm.—*Antennæ basi et abdominis segmenta testacea.*

Dasygogon aurifrons, Macq. *Expl. Scient. Alg.* iii. *Ins.* 434, 54, pl. 2, f. 4.

Algeria.

226. DASYPOGON RUBRIVENTRIS.

Mas et Fœm. *Niger, rufo pilosus; mystax albus; antennæ testaceæ; abdomen angustum, rubrum, maculis dorsalibus nigris; pedes testacei, postici femoribus intus nigricantibus; alæ cinereo-flavescentes.*

Dasygogon rubriventris, Macq. Expl. Scient. Alg. iii. Ins. 437, 62, pl. 2, f. 3.

Algeria.

227. DASYPOGON NITIDUS.

Niger, nitidus; mystax albus; pedes albo pilosi; alæ subcinereæ; halteres albidî.

Dasygogon nitidus, Macq. Expl. Scient. Alg. iii. Ins. 438, 65.

Algeria.

228. DASYPOGON PUSIO.

Ater, nitidus; mystax albus; abdomen punctis lateralibus albis; alæ limpida; halteres flavido-albi.

Dasygogon pusio, Macq. Expl. Scient. Alg. iii. Ins. 438, 66.

Algeria.

229. DASYPOGON SCAPULARIS.

Mas. *Niger; thorax fusco vittatus; scapulæ, anus pedesque testaceæ; femora supra nigricantia; alæ subhyalinæ.*

Dasygogon scapularis, Macq. Dipt. Exot. i. 2, 44, 25.

Cape.

230. DASYPOGON PYGMÆUS.

Mas et Fœm. *Fuscus, tenuis; antennæ rufæ; thorax vittis rufescentibus; pedes rufi, albo pilosi; alæ limpida; halteres albidî.*

Dasygogon pygmæus, Macq. Expl. Scient. Alg. iii. Ins. 437, 63, pl. 2, f. 6.

Algeria.

231. DASYPOGON HETERONEURUS.

Fœm. *Cinerens*; *facies mystaxque albida*; *antennæ testaceæ*; *abdomine elongatum*; *alæ subflavesecentes*; *vena externo-media 1a vena cubitalis ramo postico longe ante marginem connexa*; *venæ externo-mediæ 3a et 4a petiolo unico terminatæ*.

Dasygogon heteroneurus, *Maeg. Dipt. Exot.* i. 2, 41, 19, pl. 3, f. 7;
Expl. Scient. Alg. iii. *Ins.* 436, 59.

Algeria.

Div. — ?

A. Alæ fuscæ.

A. Thorax niger. - - - - - mœrens, *Wied.*

B. Thorax canus, vittis nigris. - - - Reinhardi, *Wied.*

C. Thorax fuscus.

A. Thorax vittatus. - - - - - caffer, *Wied.*

B. Thorax non vittatus. - - - - - hispidus, *Wied.*

D. Thorax rubidus.

A. Alæ infumatæ. - - - - - fuscipennis, *Wied.*

B. Alæ basi flavæ. - - - - - aulicus, *Wied.*

B. Alæ rufescentes aut flavæ.

A. Pedes nigro-fusci. - - - - - atratus, *Fabr.*

B. Pedes nigri, tibiis fulvis. - - - - - ruficauda, *Fabr.*

C. Pedes rubidi aut fulvi.

A. Antennæ nigræ. - - - - - setosus, *Wied.*

B. Antennæ pallidæ.

a. Abdomen incisuris fulvis. - - - - - limbatus, *Fabr.*

b. Abdomen totum nigrum. - - - - - tragicus, *Wied.*

C. Alæ subcinereæ aut limpidæ.

A. Thorax niger.

A. Abdomen nigrum, apice ferrugineum.

hæmorrhoidalis, *Fabr.*

B. Abdomen rubidum, maculis lateralibus nigris.

vestitus, *Wied.*

C. Abdomen rubidum, fasciis albis. - - - Rüppelii, *Wied.*

B. Thorax fuscus, vittis albis. - - - - - striatus, *Fabr.*

232. DASYPOGON MÆRENS.

Mas. *Niger* ; *abdomen basi pedesque ferruginosa* ; *alæ fuscae*.

Dasygogon mærens, *Wied. Auss. Zweifl.* i. 399, 53.

Sierra Leone.

232. DASYPOGON REINHARDI.

Fœm. *Niger* ; *thorax canus, nigro vittatus* ; *abdomen basi album, utrinque maculis testaceis* ; *alæ fuscae*.

Dasygogon Reinhardi, *Wied. Auss. Zweifl.* i. 401, 57.

Guinea.

234. DASYPOGON CAFFER.

Mas. *Fuscanus* ; *thorax vittis olivaceo-fuscis* ; *abdomen nigrum, cano fasciatum* ; *alæ fuscescentes*.

Dasygogon caffer, *Wied. Auss. Zweifl.* i. 394, 44.

South Africa.

235. DASYPOGON HISPIDUS.

Mas. *Fuscanus* ; *mystax nigro-fuscus* ; *abdomen canum* ; *femora nigra* ; *alæ subfuscescentes*.

Dasygogon hispidus, *Wied. Auss. Zweifl.* i. 398, 50.

Cape.

236. DASYPOGON FUSCIPENNIS.

Mas. *Badio-rubidus* ; *thorax vittis nigris* ; *abdomen apice nigrum* ; *alæ infumatae*.

Dasygogon fuscipennis, *Wied. Dipt. Exot.* i. 227, 24 ; *Auss. Zweifl.* i. 399, 52.

Cape.

237. DASYPOGON AULICUS.

Mas et Fœm. *Ferruginosus ; thorax vittis tribus nigris limboque orichalceo ; abdomen maculis nigris ; alæ fuscæ basi flavæ.*

Dasygogon aulicus, Wied. Auss. Zweifl. i. 379, 21. Macq. Dipt. Exot. i. 2, 34, 3, pl. 3, f. 5.

South Africa.

238. DASYPOGON ATRATUS.

Niger ; caput et thorax cinerascens hirsuta ; pedes nigro-fusci ; alæ flavescens ; halteres fulvi.

Asilus atratus, Fabr. Ent. Syst. iv. 380, 19. Meig. Klass. Zweifl. i. 266, d.

Dasygogon atratus, Fabr. Syst. Antl. 165, 4. Meig. Zweifl. ii. 262, 6.

Barbary.

239. DASYPOGON RUFICAUDA.

Cinereus, hirtus ; thorax nigro bilineatus ; abdomen apice fulrum ; tibiæ fulvæ ; alæ ferruginæ.

Laphria ruficauda, Fabr. Syst. Antl. 161, 22.

Dasygogon ruficauda, Meig. Zweifl. ii. 284, 43.

Morocco.

240. DASYPOGON SETOSUS.

Mas. *Nigellus ; thorax vittis obsoletissimis ; abdomen casio-albescens ; pedes rubidi ; alæ subrufescentes.*

Dasygogon setosus, Wied. Anal. Entom. 26, 24 ; Auss. Zweifl. i. 394, 45.

Cape.

241. DASYPOGON LIMBATUS.

Nigricans ; antennæ, thoracis limbus, abdominis incisuræ pedesque fulva ; femora postica apice nigro maculata ; alæ fulvæ.

Asilus limbatus, *Fabr. Ent. Syst.* iv. 382, 26. *Meig. Klass. Zweifl.* i. 267, g.

Dasygogon limbatus, *Fabr. Syst. Antl.* 165, 7. *Coqueb. Ill. Icon.* 113, pl. 25, f. 10. *Meig. Zweifl.* ii. 283, 41. *Wied. Dipt. Exot.* i. 224, 18 ; *Auss. Zweifl.* i. 395, 46.

Barbary.

242. DASYPOGON TRAGICUS.

Ater ; antennæ pedesque rubida ; thorax utrinque rubidus, orichalceo micans ; abdomen scoriaceo nigrum ; alæ flavæ, apice subcinereæ.

Dasygogon tragicus, *Wied. Auss. Zweifl.* i. 400, 55.

South Africa.

243. DASYPOGON HÆMORRHOIDALIS.

Fæm. Niger ; abdomen lineolis lateralibus albis, apice ferrugineum ; pedes ferruginei, tarsi nigris ; alæ subcinereæ.

Asilus hæmorrhoidalis, *Fabr. Ent. Syst.* iv. 389, 58. *Coqueb. Ill. Icon.* 118, pl. 26, f. 11.

Dioctria hæmorrhoidalis, *Fabr. Syst. Antl.* 151, 8.

Dasygogon hæmorrhoidalis, *Wied. Auss. Zweifl.* i. 407, 66. *Macq. Expl. Scient. Alg.* iii. *Ins.* 438, 64.

Barbary.

244. DASYPOGON VESTITUS.

Niger ; abdomen rubidum, utrinque maculis nigris ; pedes rubidi, genubus posticis nigris ; alæ limpidæ.

Dasygogon vestitus, *Wied. Auss. Zweifl.* i. 406, 65.

Nubia.

245. DASYPOGON RUPPELII.

Rubidus; facies albo hirta; thorax nigellus, cano hirtus; abdomen albo fasciatum; alæ limpidæ.

Dasypogon Rüppelii, *Wied. Auss. Zweifl.* i. 4, 569, 57.

Nubia.

246. DASYPOGON STRIATUS.

Fuscus, hirtus; thorax fuscus, albo lineatus; abdomen fulvum, fusco bilineatum, lateribus albis; pedes fulvi.

Asilus striatus, *Fabr. Ent. Syst.* iv. 387, 49. *Meig. Klass. Zweifl.* i. 2690.

Dasypogon striatus, *Fabr. Syst. Anth.* 167, 16. *Meig. Zweifl.* ii. 283, 42.

Barbary.

Madagascar.

Group 1.

Microstylum, *Macq.* See pp. 451, 452.

247. DASYPOGON CILIPES.

Fœm. Fuscanus; facies argentea; abdomen maculis lateralibus albis; pedes breves ciliati; alæ fusæ.

Microstylum cilipes, *Macq. Dipt. Exot.* i. 2, 28, 4, pl. 2, f. 5

248. DASYPOGON APPENDICULATUS.

Fœm. Rubidus; facies et barba albæ; mystax niger; thorax rittis fuscis; abdomen nigrum, incisuris lateribusque albis; pedes testacci; alæ cinereæ.

Microstylum appendiculatum, *Macq. Dipt. Exot. Suppl.* 2, 33, 14.

Asia.

Div. I. Tibiæ anticæ apice calcaratæ.

Group 1.

Mas. Corpus gracile, mediocre, fere nudum. Caput thorace paullo latius; frons et facies planæ. Mystax setis duabus apud peristoma exceptis nullus. Antennæ mediocriter longæ; articulus 1us et 2us subæquales; 3us fusiformis, 1o et 2o conjunctim paullo brevior. Prothorax conicus, attenuatus. Abdomen dimidio basali subcontractum. Sexualia parva. Pedes sat validi, setis paucis armati; ungues et onychia parva; tibiæ anticæ calcaribus minimis.

Eyes convex, except a small part in front, which is composed of larger facets than those elsewhere. Forks of the cubital vein nearly straight, their base opposite the end of the discal areolet. First and second externo-medial veins proceeding direct to the border; third and fourth slightly inclined towards each other, but at some distance apart on the border; subanal and anal almost connected on the border.

Nearly allied to Group 4, p. 30.

A. Pedes rufi aut fulvi.

A. Pedes nigro varii. - - - - Volcatus, *Walk.*

B. Pedes non nigro varii.

A. Tarsi picei. - - - - Hypsaon, *Walk.*

B. Tarsi fulvi. - - - - Cerco, *Walk.*

249. DASYPOGON VOLCATUS.

Dasygogon Volcatus, *Cat. of Diptera*, 2, 346.

250. DASYPOGON HYPSAON.

Dasygogon Hypsaon, *Cat. of Diptera*, 2, 348.

a. North China. From Mr. Fortune's collection.

251. DASYPOGON CERCO.

Dasygogon Cerco, *Cat. of Diptera*, 2, 349.

Group 2.

Corpus sat magnum, validiusculum, fere nudum. Caput thorace vix angustius; facies subconvexa, parce pilosa. Mystax pilis apud peristoma sat densis, setis nullis. Antennæ mediocriter longæ; articulus 1us 2o triplo longior; 3us linearis, apice acuminatus, 1o et 2o conjunctim fere duplo longior. Prothorax crassus. Abdomen subcylindricum, basim versus subcontractum. Sexualia parva. Pedes sat validi, parce setosi; ungues et onychia mediocria; tibiæ anticæ calcaribus sat magnis.

Eyes convex, except a very small part in front, which is composed of larger facets than those elsewhere. Fork of the cubital vein nearly straight, their base a little nearer than the end of the discal areolet to the tip of the wing. First and second externo-medial veins proceeding direct to the border; third inclined to the fourth, but widely apart from it on the border; subanal and anal very near together on the border.

252. DASYPOGON SUBAURATUS.

Fœm. *Aureo tomentosa; antennæ abdomen et pedes fulva; thorax vittis quatuor nigro-cinereis, intermediis angustis externis latis; abdomen basi nigrum apice testaceum, maculis lateralibus testaceis et nigris; alæ subcinereæ, apud costam luridæ.*

Fem. Head and thorax with gilded tomentum. Head clothed behind with black hairs; vertex, proboscis and palpi black. Antennæ tawny. Thorax with four blackish gray stripes; inner pair long and narrow; outer pair short and broad. Abdomen tawny, black at the base, and with large black spots along each side, testaceous at the tip, and with small testaceous spots along each side. Legs tawny; coxæ with gilded tomentum; ungues black; onychia testaceous. Wings grayish, with a lurid tinge along the costa; veins black, tawny in front and towards the base. Halteres testaceous. Length of the body $7\frac{1}{2}$ lines; of the wings 15 lines.

a. North China. From Mr. Fortune's collection.

Div. II. Tibiæ anticæ non calcaratæ.

Group 1.

Megapollyon, *Insecta Saundersiana*, Pt. 2, 85.

See p. 452.

- A. Thorax flavidus. - - - - - Spectrum, *Wied.*
 B. Thorax niger.
 A. Abdomen nigrum, aut fuscum.
 A. Alæ nigro-cyanæ. - - - - - Vica, *Walk.*
 B. Alæ nigricantes. - - - - - Polygnotus, *Walk.*
 B. Abdomen rufum.
 A. Thorax totus niger. - - - - - Rhypæ, *Walk.*
 B. Thorax albo vittatus. - - - - - Otacilius, *Walk.*
 C. Abdomen apice rufum.
 A. Thorax totus niger. - - - - - Balbillus, *Walk.*
 B. Thorax albo vittatus. - - - - - Sura, *Walk.*
 D. Abdomen rufum, apice nigrum. - - - - - Libo, *Walk.*
 C. Thorax niger, fulvo pilosus. - - - - - apiformis, *Walk.*
 D. Thorax niger, vittis quatuor pallidis.
 A. Pedes rufi. - - - - - imbutus, *Walk.*
 B. Pedes nigri. - - - - - trimelas, *Walk.*
 E. Thorax canus, vittis obscurioribus. - - - - - apicalis, *Macq.*

253. DASYPOGON SPECTRUM.

Flavidus; antennæ apice ferruginæ; pedes ferruginei, genubus nigris; alæ flarescentes, venis ferrugineis.

Dasypogon Spectrum, *Wied.*Laphria Spalumus, *Cat. of Diptera*, Pt. 2, 371.

a. North China. From Mr. Fortune's collection.

Var.? *Antennæ nigræ, apice testaceæ; abdomen testaceum, incisuris nigris; tibiæ intermediæ calcaratæ; alæ flavæ.* Long. 13—14 lin.

Dasypogon dux, *Wied. Auss. Zweifl.* i. 568, 55.Microstylum sinense, *Macq. Dipt. Exot.* i. 2, 29, 7, pl. 2, f. 3.

China. Manilla.

254. DASYPOGON VICA.

Dasypogon Vica, *Cat. of Diptera*, 2, 304.

a. Silhet. From Mr. Stevens' collection.

255. DASYPOGON POLYGNOTUS.

Dasypogon Polygnotus, *Cat. of Diptera*, 2, 305.

256. DASYPOGON RHYPÆ.

Dasypogon Rhypæ, *Cat. of Diptera*, 2, 303.

257. DASYPOGON OTACILIUS.

Dasypogon Otacilius, *Cat. of Diptera*, 2, 344.

258. DASYPOGON BALBILLUS.

Dasypogon Balbillus, *Cat. of Diptera*, 2, 307.

259. DASYPOGON SURA.

Dasypogon Sura, *Cat. of Diptera*, 2, 345.

260. DASYPOGON LIBO.

Dasypogon Libo, *Cat. of Diptera*, 2, 342.

261. DASYPOGON APIFORMIS.

Dasypogon apiformis, *Diptera Saundersiana*, Pt. 2, 97.
East Indies.

262. DASYPOGON IMBUTUS.

Dasypogon imbutus, *Diptera Saundersiana*, Pt. 2, 96.
East Indies.

263. DASYPOGON TRIMELAS.

Dasygogon trimelas, *Diptera Saundersiana*, Pt. 2, 97.

East Indies.

264. DASYPOGON APICALIS.

Mas. *Canus*; *antennæ nigræ*; *thorax vittis obscurioribus*; *abdomen basi nigrum albo fasciatum, apice rubiginosum*; *pedes rufescentes nigro varii*; *alæ flavescentes*.

Dasygogon apicalis, *Wied. Dipt. Exot.* i. 216, 4; *Auss. Zweifl.* i. 372, 10, pl. 6, f. 4.

Microstylum apicale, *Macq. Dipt. Exot.* i. 2, 29, 6.

Bengal.

Group 3.

See group 2, p. 455.

A. Thorax ferrugineus aut fulvus.

A. Abdomen ferrugineum, apice piceum. - Ambryon, *Walk.*

B. Abdomen rufum. - - - - - Damias, *Walk.*

B. Thorax cinereo-fuscus. - - - - - Imbrex, *Walk.*

C. Thorax fulvus. - - - - - pulverifer, *Walk.*

D. Thorax niger.

A. Thorax fulvo hirtus. - - - - - Aphrises, *Walk.*

B. Thorax cano hirtus. - - - - - Echelus, *Walk.*

265. DASYPOGON AMBRYON.

Dasygogon Ambryon, *Cat. of Diptera*, 2, 311.

266. DASYPOGON DAMIAS.

Dasygogon Damias, *Cat. of Diptera*, 2, 313.

267. DASYPOGON IMBREX

Dasygogon Imbrex, *Cat. of Diptera*, 2, 315.

268. DASYPOGON PULVERIFER.

Dasygogon pulverifer, *Diptera Saundersiana*, Pt. 2, 98.
East Indies.

269. DASYPOGON APHRICES.

Dasygogon Aphrices, *Cat. of Diptera*, 2, 314.

270. DASYPOGON ECHELUS.

Dasygogon Echelus, *Cat. of Diptera*, 2, 314.

Group 4. *Cyrtopogon*, *Loew*.

271. DASYPOGON LAPHRIDES.

Cyrtopogon laphrides, *Diptera Saundersiana*, Pt. 2, 99, pl. 3, f. 7.
East Indies.

Group 5.

Fam. Corpus medioere, dense hirtum. Caput thoracis latitudine. Facies convexa. Mystax dense setosus usque ad antennas ascendens. Antennæ sat longæ; articulus 1us linearis, 2o plus duplo longior; 3us linearis, arista valida terminatus, 1o et 2o conjunctim fere duplo longior. Abdomen subcompressum. Alæ apud costæ dimidium basale subincrassatæ.

Forks of the cubital vein nearly straight, their base much nearer than the end of the discal areolet to the tip of the wing. First, second, third and fourth externo-medial veins proceeding direct to the border; subanal inclined to the anal, and near to it on the border. Discal areolet pentagonal, rather long and narrow.

This group seems to be one of the links which connect the *Dasygogonites* with the *Asilites*.

272. DASYPOGON SCATOPHAGOIDES.

Mas. *Niger*, *testaceo hirtus*; *caput albido tomentosum*, *nigro setosum*; *thorax fusco tomentosus*, *nigro cristatus*; *tibiæ rufæ*; *alæ cinereo-fuscescentes*.

Black. Head with whitish tomentum, thickly beset with black bristles, thickly clothed beneath with testaceous hairs. Thorax with brown tomentum, with a ridge of black bristles, and on each side with black hairs. Scutellum with black and tawny bristles. Abdomen compressed, thickly clothed with testaceous hairs, and beneath with black hairs. Legs stout, with black and tawny hairs; tibiæ red, with black tips. Wings brownish; disk of the areolets gray; veins black, reddish towards the base. Halteres red. Length of the body 5 lines; of the wings 10 lines.

a. East Indies. From Mr. Stevens' collection.

Group —?

A. *Alæ fusæ*.

A. Thorax niger. - - - - - albonotatus, *Wied.*

B. Thorax fuscus. - - - - - nigricauda, *Wied.*

C. Thorax olivaceus. - - - - - virens, *Wied.*

D. Thorax cinereus, fasciis nigris. - - - arabicus, *Macq.*

B. *Alæ flavescentes*. - - - - - dorsalis, *Wied.*

273. DASYPOGON ALBONOTATUS.

Fœm. *Niger*; *abdomen utrinque maculis quatuor transversis albis*; *alæ medio infumatæ*.

Dioctria albonotata, *Wied. Dipt. Exot.* i. 181, 5.

Dasygogon albonotatus, *Wied. Auss. Zweifl.* i. 402, 58.

Bengal.

274. DASYPOGON NIGRICAUDA.

Mas. *Fuscus*; *abdomen basi albidum, incisuris apiceque atris*; *alæ fusæ, apice sublimpidæ*.

Dasygogon nigricauda, *Wied. Anal. Entom.* 26, 23; *Auss. Zweifl.* i. 377, 17.

East Indies.

275. DASYPOGON VIRENS.

Fœm. *Fuscano-flavidus*; *thorax olivaceus*; *alæ cinereo-fusæ*.

Dasygogon virens, *Wied. Auss. Zweifl.* i. 398, 51.

Java.

276. DASYPOGON ARABICUS.

Thorax fasciis nigris, cinereo limbatis; *abdomen fusco-testaceum, albido maculatum*; *alæ fuscae*, *venæ cubitalis ramus posticus vena externo-media ante marginem conjunctus*; *venæ externo-media 3a et 4a connexæ*.

Dasygogon arabicus, *Macq. Dipt. Exot.* ii. 1, 43, 24.

Arabia.

277. DASYPOGON DORSALIS.

Cinereascens; *scutellum album*; *abdomen nigrum, segmentis 3o, 5o et 6o maculis trigonis albis*; *alæ vix flavescentes*.

Dasygogon dorsalis, *Wied. Auss. Zweifl.* i. 413, 77.

East Indies.

Australia.

Div. 1. *Tibiæ anticæ apice calcaratæ*.

Group 1.

Corpus elongatum, robustum, vix setosum. Caput thorace vix angustius. Facies vix convexa. Mystax setis nonnullis apud epistoma. Antennæ longiusculæ, filiformes; articulus 2us 1o paullo brevior; 3us sublinearis, 1o et 2o conjunctim paullo longior; arista vix ulla. Abdomen apice setosum. Pedes robusti, setosi.

Allied to *Microstylum*. Forks of the cubital vein slightly diverging from each other, their base opposite the end of the discal areolet. First and second externo-medial veins proceeding straight to the border; first curved forward, when it leaves the discal areolet; third much inclined to the fourth, but at some little distance from it on the border. Subanal and anal near each other on the border.

278. DASYPOGON SALINATOR.

Dasypogon Salinator, *Cat. of Diptera*, 2, 325.

Group 2.

Mas. Corpus mediocre, gracile, elongatum, parce hirtum, vix setosum. Caput thorace vix angustius. Facies plana. Mystax setis nonnullis apud epistoma. Antennæ longiusculæ; articulus 1us 2o duplo longior; 3us longissime fusiformis, 1o et 2o conjunctim longior; arista brevissima. Abdomen apud medium subcontractum. Pedes robusti setosi; ungues et onychia elongata.

Forks of the cubital vein nearly straight, their base much nearer than the end of the discal areolet to the tip of the wing. First and second externo-medial veins proceeding from a short common petiole, which is emitted from the end of the discal areolet; third slightly inclined to the fourth, but far from it on the border; subanal rather near to the anal on the border.

279. DASYPOGON SERGIUS.

Dasypogon Sergius, *Cat. of Diptera*, 2, 347.

Group 3.

Fæm. Corpus majusculum, validum, sublineare, subpilosum, non setosum. Caput thorace paullo angustius. Facies plana. Mystax apud epistoma dense setosus. Abdomen subcylindricum. Pedes robusti, setosi.

Forks of the cubital vein curved slightly from each other, their base much nearer than the end of the discal areolet to the tip of the wing. First and second externo-medial veins proceeding nearly straight to the border; third slightly inclined towards the fourth, but far from it on the border. Subanal and anal very near each other on the border.

280. DASYPOGON SPINTHER.

Dasypogon Spinther, *Cat. of Diptera*, 2, 337.

Group 4. Dasypogon, *Loew*.

281. DASYPOGON CARBO.

Dasypogon Carbo, *Diptera Saundersiana*, Pt. 2, 87.
New Holland.

Group — ?

- | | | | | | |
|------------------------|---|---|---|---|-----------------------------|
| A. Alæ violaceo-nigræ. | - | - | - | - | nigripennis, <i>Macq.</i> |
| B. Alæ rufescentes. | | | | | |
| A. Albo punctatus. | - | - | - | - | albopunctatus, <i>Macq.</i> |
| B. Albo non punctatus. | - | - | - | - | nitidus, <i>Macq.</i> |
| C. Alæ fulvæ. | - | - | - | - | princeps, <i>Macq.</i> |
| D. Alæ hyalinæ. | | | | | |
| A. Thorax niger. | - | - | - | - | limbipennis, <i>Macq.</i> |
| B. Thorax fulvus. | - | - | - | - | albonotatus, <i>Macq.</i> |

282. DASYPOGON NIGRIPENNIS.

Mas. *Niger* ; *facies alba* ; *alæ violaceo-nigræ*.

Dasypogon nigripennis, *Macq. Dipt. Exot. Suppl.* 3, 20, 58, pl. 1,
f. 10.

New Holland.

283. DASYPOGON ALBOPUNCTATUS.

Fœm. *Testaceus, albo punctatus, mystax flavidus* ; *thorax tomentosus* ; *abdomen basi segmentoque 4o nigris* ; *alæ rufescentes*.

Dasypogon albopunctatus, *Macq. Dipt. Exot. Suppl.* i. 65, 44, pl. 6,
f. 7.

New Holland.

284. DASYPOGON NITIDUS.

Gracilis, nitidus, testaceus; mystax flavidus; thorax vittis fuscis; abdominis segmenta anteriora vittis lateralibus nigris; alæ rufescentes.

Dasygogon nitidus (nomen bis lectum), *Macq. Dipt. Exot. Suppl.* 1, 61, 35.

Tasmania.

285. DASYPOGON PRINCEPS.

Fulvus; thorax vittis nigris; abdomen fasciis nigris; alæ fulvæ.

Dasygogon princeps, *Macq. Dipt. Exot. Suppl.* 3, 19, 57, pl. 1, f. 14.
New Holland.

286. DASYPOGON LIMBIPENNIS.

Fœm. Niger, mystax cinereus; scutellum testaceum; tibiæ basi albidæ; alæ hyalinæ, costa fusca.

Dasygogon limbipennis, *Macq. Dipt. Exot. Suppl.* i. 62, 33, pl. 7, f. 8.

Tasmania. Sidney Isle.

287. DASYPOGON ALBONOTATUS.

Mas. Fulvus; thorax fuscato vittatus; abdomen nigrum, lateribus albo maculatis; alæ hyalinæ.

Dasygogon albonotatus, *Macq. Dipt. Exot. Suppl.* 2, 33, 52.

Tasmania.

Div. II. Tibiæ anticæ non calcaratæ.

Group 1.

Corpus angustum, hirtum. Caput thorace paullo angustius; frons plana, pilosa. Mystax sat dense hirtus. Antennæ sat longæ;

articulus 1us linearis, 2o multo longior; 3us subclavatus; 3us lanceolatus; arista brevissima. Thorax subcompressus. Abdomen longum, compressum, apice spinis armatum. Pedes robusti, hirti et spinosi; ungues et onychia mediocria.

Forks of the cubital vein nearer at the base than the end of the discal areolet to the tip of the wing; fore fork slightly undulating; hind fork nearly straight. First and second externo-medial veins proceeding almost directly to the border; third much bent towards the fourth, and near it on the border; subanal in contact with the fourth on the border.

A. Alæ subfuscæ. - - - - - Aoris, *Walk.*

B. Alæ ex parte fulvæ.

A. Alæ ad costam fulvæ.

a. Alæ ex parte subcinereæ. - - - - - Digentia, *Walk.*

b. Alæ ex parte limpidæ. - - - - - Agave, *Walk.*

B. Alæ ad costam subcinereæ. - - - - - Lanatus, *Walk.*

C. Alæ limpidæ, apice subfuscæ. - - - - - Pedanus, *Walk.*

D. Alæ limpidæ, apice subcinereæ. - - - - - Nicoteles, *Walk.*

E. Alæ omnino limpidæ. - - - - - Thalpius, *Walk.*

288. DASYPOGON AORIS.

Dasytrogon Aoris, *Cat. of Diptera*, 2, 321.

289. DASYPOGON DIGENTIA.

Dasytrogon Digentia, *Cat. of Diptera*, 2, 316.

290. DASYPOGON AGAVE.

Dasytrogon Agave, *Cat. of Diptera*, 2, 317.

291. DASYPOGON LANATUS.

Dasytrogon Lanatus, *Cat. of Diptera*, 2, 318.

a. Van Dicman's Land. Presented by Morton Allport, Esq.

292. DASYPOGON PEDANUS.

Dasygogon Pedanus, *Cat. of Diptera*, 2, 320.

293. DASYPOGON NICOTELES.

Dasygogon Nicoteles, *Cat. of Diptera*, 2, 320.

294. DASYPOGON THALPIUS.

Dasygogon Thalpius, *Cat. of Diptera*, 2, 317.

Group 2.

Corpus validum, elongatum, parce setosum. Facies subconvexa, dense hirta. Mystax setis nonnullis apud epistoma. Abdomen alis multo longius. Pedes robusti, valde setosi.

Forks of the cubital vein a little nearer at the base than the end of the discal areolet to the tip of the wing; fore fork slightly curved forward; hind fork almost straight; first, second and fourth externo-medial veins almost straight; third forming an acute angle at its flexure to the fourth, which it joins far from the border. Subanal joined to the anal at some distance from the border.

295. DASYPOGON BÆBIUS.

Dasygogon Bæbius, *Cat. of Diptera*, 2, 333.

Dasygogon plumbeus, *Fabr.*?

NOTE.—*D. plumbeus* is cited, by mistake, as the name of the species preceding *D. Bæbius* in the above-mentioned Catalogue.

Group —?

A. Thorax niger. Alæ flavescentes.

A. Alæ antice infumatae. - - - - australis, *Macq.*

B. Alæ apice subfuscæ.

A. Abdomen subtus cinereum. - - brachypterus, *Macq.*

B. Abdomen apice testaceum. - - elongatus, *Macq.*

B. Thorax testaceus. - - - - testaceus, *Macq.*

296. DASYPOGON AUSTRALIS.

Fœm. *Niger; abdominis segmenta marginibus posticis pallidis; pedes testacei; alæ antice infumatae, postice flavescentes.*

Dasygogon australis, *Macq. Dipt. Exot.* i. 2, 45, 27.

New Holland.

297. DASYPOGON BRACHYPTERUS.

Fœm. *Niger; abdomen subtus cinereum, femora tibiæque subtus rubra; alæ parvæ, subflavæ, apice subfuscæ.*

Dasygogon brachypterus, *Macq. Dipt. Exot.* i. 2, 44, 26, pl. 3, f. 3.

New Holland.

298. DASYPOGON ELONGATUS.

Elongatus, niger; mystax aureus; abdomen angustum, apice testaceum; pedes testacei; alæ subflavescentes, apice subfuscæ.

Dasygogon elongatus, *Macq. Dipt. Exot. Suppl.* i. 66, 45, pl. 7, f. 6.

New Holland. Sidney Island.

299. DASYPOGON TESTACEUS.

Fœm. *Testaceus; thorax vittis fuscis; mystax albidus; abdomen nigrum, apice testaceum; pedes nigri, femoribus testaceis; alæ flavidæ.*

Microstylum testaceum, *Macq. Dipt. Exot. Suppl.* i. 60, 13.

New Holland.

New Zealand.

Div. I. Tibiæ anticæ apice calcaratæ.

Group 1.

Corpus mediocre, sat gracile. Caput et thorax setis paucis. Facies plana. Mystax setis nonnullis apud epistoma. Antennæ

sat longæ; articulus 1us 2o longior; 3us fusiformis, arista brevi terminatus, 1o et 2o conjunctim vix brevior. Abdomen fere nudum, alis non longius. Pedes validi, setosi.

Forks of the cubital vein nearly straight, slightly diverging from each other, their base a little nearer than the end of the discal areolet to the tip of the wing. Four externo-medial veins separate, nearly straight. Subanal vein near the anal at its tip.

300. DASYPOGON VIDUUS.

Dasypogon viduus, *Cat. of Diptera*, 2, 354.

Group 2.

Corpus mediocre, sublineare, fere nudum. Caput thoracæ paullo angustius. Facies plana, nuda. Mystax setis paucis apud epistoma. Antennæ longæ; articulus 1us 2o longior; 3us sublinearis, arista brevissima, 1o et 2o conjunctim paullo longior. Pedes validi, setis brevissimis.

Forks of the veins nearly straight, slightly diverging from each other, their base a little nearer than the end of the discal areolet to the tip of the wing. Four externo-medial veins separate, nearly straight. Subanal vein united to the anal at its tip.

301. DASYPOGON DISCUS.

Dasypogon Discus, *White, Zool. Voy. Erebus and Terror. Cat. of Diptera*, 2, 356.

Sandwich Islands.

Group 1.

Megapollyon, *Diptera Saundersiana*, Pt. 2, 85. See p. 452.

302. DASYPOGON SCYTHON.

Dasypogon Scython, *Cat. of Diptera*, 2, 365.

, Country unknown.

Div. I. Tibiæ anticæ apice calcaratæ.

Group 1.

See group 1, page 476.

A. Alæ limpidæ.	-	-	-	-	-	-	Fossius, <i>Walk.</i>
B. Alæ subfulvæ.	-	-	-	-	-	-	spectans, <i>Walk.</i>

303. DASYPOGON FOSSIUS.

Dasypon Fossius, *Cat. of Diptera*, Pt. 2, 366.

304. DASYPOGON SPECTANS.

Dasypon spectans, *Diptera Saundersiana*, Pt. 2, 88.

Group 2.

See page 430.

A. Alæ fulvæ aut fulvo strigatæ.

A. Thorax non vittatus.

A. Thorax flavo-fuscus.	-	-	-	Copreus, <i>Walk.</i>
B. Thoracis discus niger.	-	-	-	festinans, <i>Walk.</i>
b. Femora ferruginea.				

B. Thorax vittatus.

A. Thorax niger, vittis duabus ferrugineis.		occidens, <i>Walk.</i>
B. Thorax fuscus, vittis duabus ferrugineis.	-	Silanus, <i>Walk.</i>
C. Thorax ferrugineus, vittis quatuor nigris.		Carvilius, <i>Walk.</i>
D. Thorax flavus, vittis quatuor piceis.	-	inserens, <i>Walk.</i>
E. Thorax ferrugineus, vittis tribus nigris.	-	Allia, <i>Walk.</i>
F. Thorax fulvus, vittis tribus nigris.	-	Carus, <i>Walk.</i>
G. Thorax ferrugineus, vittis tribus piceis.		Volcatius, <i>Walk.</i>
H. Thorax fulvus, vittis tribus piceis, ferrugineo marginatis.		Potitus, <i>Walk.</i>

B. Alæ limpidæ.

A. Thorax vittis quinque nigris. - - - Anemetus, *Walk.*B. Thorax vittis tribus nigris. - - - Phalna, *Walk.*

C. Thorax vittis tribus piceis.

A. Abdomen ferrugineum, maculis nigris, fasciisque fulvis.

Cerretanus, *Walk.*

B. Abdomen piceum, fasciis ferrugineis lateribusque fulvis.

Ægon, *Walk.*

305. DASYPOGON COPREUS.

Dasygogon Copreus, *Cat. of Diptera*, Pt. 2, 326.

306. DASYPOGON FESTINANS.

Dasygogon festinans, *Diptera Saundersiana*, Pt. 2, 92.

307. DASYPOGON OCCIDENS.

Dasygogon occidens, *Diptera Saundersiana*, Pt. 2, 91.

308. DASYPOGON SILANUS.

Dasygogon Silanus, *Cat. of Diptera*, Pt. 2, 326.

309. DASYPOGON CARVILIUS.

Dasygogon Carvilius, *Cat. of Diptera*, Pt. 2, 341.

310. DASYPOGON INSERENS.

Dasygogon inserens, *Diptera Saundersiana*, Pt. 2, 91.

311. DASYPOGON VOLCATIUS.

Dasygogon Volcatius, *Cat. of Diptera*, 2, 336.

312. DASYPOGON POTITUS.

Dasygogon Potitus, *Cat. of Diptera*, 2, 327.

313. DASYPOGON ANEMETUS.

Dasygogon Anemetus, *Cat. of Diptera*, 2, 330.

314. DASYPOGON PHALNA.

Dasygogon Phalna, *Cat. of Diptera*, 2, 331.

315. DASYPOGON CERRETANUS.

Dasygogon Cerretanus, *Cat. of Diptera*, 2, 328.

316. DASYPOGON ÆGON.

Dasygogon Ægon, *Cat. of Diptera*, Pt. 2, 329.

Group 3.

See page 469.

317. DASYPOGON ACRATUS.

Dasygogon Acratus, *Cat. of Diptera*, Pt. 2, 349.

318. DASYPOGON GARAMAS.

Dasygogon Garamas, *Cat. of Diptera*, 2, 346.

Group 4.

See page 430.

319. DASYPOGON NUMICIUS.

Dasypogon Numicius, *Cat. of Diptera*, Pt. 2, 335.

320. DASYPOGON ALLIA.

Dasypogon Allia, *Cat. of Diptera*, Pt. 2, 334.

321. DASYPOGON CARUS.

Dasypogon Carus, *Cat. of Diptera*, Pt. 2, 334.

Group 5.

Corpus elongatum, fere nudum, setis nonnullis lateralibus. Facies plana. Mystax setis plurimis elongatis attenuatis. Pedes validi, setosi, breviusculi. Alæ abdomine breviores.

Fore fork of the cubital vein forming near its base a slightly obtuse angle, which emits a short branch, almost straight from thence to near its tip, where it is slightly curved forward; hind fork united to the first externo-medial near the border; first and second externo-medial veins straight; third forming a hardly obtuse angle with the præbrachial, joining the fourth at some distance from the border. Subanal united to the anal near the border.

322. DASYPOGON MARICUS.

Dasypogon Maricus, *Cat. of Diptera*, Pt. 2, 350.

Group —?

A. *Thorax niger.*A. *Thorax fascia alba.* - - - - *luctuosus, Macq.*B. *Thorax fasciis quatuor fulvis.* - - *annulatus, Macq.*B. *Thorax fuscanus.* - - - - *gracilis, Macq.*C. *Thorax pallidus, vittis fuscis.*A. *Abdomen fuscum.* - - - - *angustiventris, Macq.*B. *Abdomen nigrum, fasciis luteis.* - - *decorus, Macq.*323. *DASYPOGON LUCTUOSUS.**Niger; mystax albus; thorax albo fasciatus et maculatus; abdomen utrinque punctis quinque albis; alæ fuscae, linea alba.**Dasygogon luctuosus, Macq. Dipt. Exot. i. 2, 39, 16.*Allied to *D. albo-notatus, Wied.*324. *DASYPOGON ANNULATUS.**Fœm. Niger; thorax fulvo quadrivittatus; abdominis segmenta fulvo fasciata; pedes fulvi; alæ subcinereæ.**Dasygogon annulatus, Macq. Dipt. Exot. i. 2, 38, 14.*325. *DASYPOGON GRACILIS.**Fœm. Gracilis, niger; antennæ basi coarctatæ; thorax fuscanus; abdomen nitidum; pedes fusco-fulvi; alæ rufescentes.**Dasygogon gracilis, Macq. Dipt. Exot. i. 2, 39, 15, pl. 3, f. 4.*326. *DASYPOGON ANGUSTIVENTRIS.**Mas. Flavidus; mystax flavus; thorax vittis fuscis; abdomen angustum, elongatum, fuscum; pedes fulvi; alæ flavidæ, apice subfuscae.**Dasygogon angustiventris, Macq. Dipt. Exot. Suppl. 1, 65, 43, pl. 6, f. 9.*

327. DASYPOGON DECORUS.

Fœm. *Luteus*; *thorax fusco vittatus*; *abdomen nigrum, luteo fasciatum*; *pedes fulvi, femoribus posterioribus basi nigris*; *alæ fuscæ, fulvo bimaculatæ*.

Dasypogon decorus, *Macq. Dipt. Exot.* i. 2, 40, 17, pl. 3, f. 1.

Div. II. Tibiæ anticæ non calcaratæ.

Group 1.

Microstylum, *Macq.*

328. DASYPOGON APHIDAS.

Dasypogon Aphidas, *Cat. of Diptera*, Pt. 2, 306.

Var.? *Niger*; *abdomen fulvum*; *alæ fuscæ*.

Microstylum rufiventre, *Macq. Dipt. Exot.* i. 2, 31, 10.

Group 2.

Group of D. Scheno. See p. 455.

329. DASYPOGON AGATHYLLUS.

Dasypogon Agathyllus, *Cat. of Diptera*, Pt. 2, 319.

Group 3.

Discocephalæ affinis. Corpus fere nudum. Caput breve. Facies plana. Mystax setis quatuor apud epistoma. Proboscis brevis, subarcuata. Pedes breves, graciles, parum setosi. Alæ sat longæ.

Fore fork of the cubital vein almost straight, slightly curved near each end; hind fork hardly undulating; first externo-medial vein undulating; second, third and fourth hardly undulating; third very remote from the fourth. Subanal joining the anal very far from the border.

330. DASYPOGON COON.

Dasypogon Coon, Cat. of Diptera, Pt. 2, 353.

Group 4.

Corpus validum. Caput subtus et thoracis latera dense hirta. Facies apud epistoma subconvexa. Mystax setis plurimis. Proboscis robusta, recta. Antennarum articulus 3us lanceolatus, vix stylatus. Alæ abdomine vix longiores.

Forks of the cubital vein rather short; fore fork much curved near its base, nearly straight from thence to its tip; hind fork slightly inclined towards the first externo-medial vein; first and second externo-medial veins almost straight; third inclined towards the fourth, but at some distance from it on the border. Subanal united to the anal on the border.

331. DASYPOGON BARRUS.

Dasypogon Barrus, Cat. of Diptera, Pt. 2, 353.

Group 5.

Corpus parvum, fere nudum. Facies fere plana. Mystax dense setosus. Proboscis longiuscula. Pedes validi, breviusculi, hirti, setosi. Alæ abdomine paullo breviores.

Forks of the cubital vein and the four externo-medial veins nearly straight; third externo-medial remote from the fourth. Subanal near the anal on the border.

332. DASYPOGON APHIDNUS.

Dasypogon Aphidnus, Cat. of Diptera, Pt. 2, 360.

Group — ?

A. Alæ nigræ.	-	-	-	-	-	-	funnebris, <i>Macq.</i>
B. Alæ fuscæ.	-	-	-	-	-	-	fuscipennis, <i>Macq.</i>
C. Alæ hyalinæ.	-	-	-	-	-	-	claripennis, <i>Macq.</i>

333. DASYPOGON FUNEBRIS.

Mas. *Ater, gracilis* ; thorax albo lineatus ; alæ nigræ, basi pos-
tice hyalinæ.

Dasygogon funnebris, Macq. Dipt. Exot. i. 2, 47, 32.

334. DASYPOGON FUSCIPENNIS.

Mas. *Niger* ; alæ fuscæ.

Microstylum fuscipennis, Macq. Dipt. Exot. i. 2, 30, 9.

Dasygogon nigricauda, Var.? Wied.

335. DASYPOGON CLARIPENNIS.

Fœm. *Niger* ; facies alba ; mystax flavicans ; alæ hyalinæ, venis
externo-mediis 3a et 4a non connexis.

Dasygogon claripennis, Macq. Dipt. Exot. i. 2, 47, 33.

Div. — ?

A. Thorax niger.							
A. Alæ nigræ.	-	-	-	-	-	-	Nomada, <i>Wied.</i>
B. Alæ fuscæ.	-	-	-	-	-	-	lugubris, <i>Wied.</i>
C. Alæ flavescentes, antice fuscæ.	-	-	-	-	-	-	Histrio, <i>Wied.</i>
D. Alæ limpidæ.	-	-	-	-	-	-	nitens, <i>Wied.</i>
B. Thorax canescens, fusco vittatus.	-	-	-	-	-	-	tæniatus, <i>Wied.</i>
C. Thorax flavidus.							
A. Antennæ ferrugineæ.	-	-	-	-	-	-	fenestratus, <i>Wied.</i>
B. Antennæ nigræ.	-	-	-	-	-	-	difficilis, <i>Wied.</i>

336. DASYPOGON NOMADA.

Fœm. *Ater; antennæ elongatæ; abdomen saturate flavum, basi albo cinctum; alæ nigræ, basi limpidæ.*

Dasypogon Nomada, Wied. Auss. Zweifl. i. 397, 49.

337. DASYPOGON LUGUBRIS.

Fuliginoso-niger; alæ fusæ. Mas.—Abdomen basi album, apice nigrum. Fœm.—Abdomen ferruginosum.

Dasypogon lugubris, Wied. Auss. Zweifl. i. 384, 28.

338. DASYPOGON HISTRIO.

Fœm. *Niger; antennæ, thoracis anguli, scutellum, abdominis fasciæ pedesque saturate flava; alæ subflavescentes, dimidio costali fusco.*

Dasypogon histrio, Wied. Auss. Zweifl. i. 400, 54.

339. DASYPOGON NITENS.

Fœm. *Niger, flavido hirtus; abdomen utrinque vitta marginali olivaceo-flavida; tibiæ flavæ; alæ limpidæ.*

Dasypogon nitens, Wied. Auss. Zweifl. i. 408, 67.

340. DASYPOGON TÆNIATUS.

Mas. *Canescens; antennæ ferruginæ; thorax fusco vittatus; abdomen macula singuli segmenti quadrata fusca, antice vitta utrinque rubida; pedes ferruginei, nigro-fusco varii; alæ subflavescentes.*

Dasypogon tæniatus, Wied. Auss. Zweifl. i. 373, 11.

341. DASYPOGON FENESTRATUS.

Fœm. *Flavidus*; antennæ omnino? ferruginæ; thorax vix vittatus; abdomen ferruginosum; pedes flavi, femoribus supra nigris; alæ fuscæ, vitta ad basim limpidissima.

Dasygogon fenestratus, Wied. Auss. Zweifl. i. 377, 18.

342. DASYPOGON DIFFICILIS.

Flavidus; antennæ nigræ; thorax vix vittatus; abdomen nigricans, incisuris ferrugineis; pedes flavi, femoribus supra nigris; alæ fuscæ, vitta ad basim limpidissima.

Dasygogon difficilis, Wied. Auss. Zweifl. i. 378, 19.

Genus 4. PSEUDORUS.

Antennarum articulus 3us dilatatus, 1o et 2o conjunctim fere triplo longior. Thoracis dorsum gibbosum, antice porrectum.

Pseudorus, *Diptera Saundersiana*, Pt. 2, 103.

Third externo-medial vein approaching very near to the fourth on the border of the wing; subanal united to the aual at some distance from the border.

1. PSEUDORUS PICEUS.

Pseudorus piceus, *Diptera Saundersiana*, Pt. 2, 103, pl, 4, f. 5.
South America.

Genus 5. BRACHYRHOPALA.

Corpus breve, fere nudum. Mystax simplex. Proboscis porrecta. Palpi breves, tenues. Antennæ vix capitis longitudine, basi vix villosæ; articulus 3us 1o triplo longior, supra fere rectus, subtus paullo convexus, basi attenuatus. Abdomen obclavatum. Tibiæ anticæ calcaratæ. Alarum venæ externo-medie 3a et 4a apud marginem remotæ; subanalis et analis valde approximatae, non conjunctæ.

Brachyrhopala, Macq. Dipt. Exot. Suppl. 2, 35.

Forks of the cubital vein and the four externo-medial veins almost straight; third externo-medial very remote from the fourth; subanal near the anal on the border.

1. BRACHYRHOPALA RUFICORNIS.

Fœm.? *Nigra, nitida; antennæ pedesque fulva; scutellum testaceum; abdomen fasciis flavis; alæ dimidio costali fuscæ.*

Brachyrhopala ruficornis, Macq. Dipt. Exot. Suppl. 2, 36, 1, pl. 1. f. 7.

a. Tasmania. From Mr. Saunders' collection.

Genus 6. EUSCELIDIA.

Caput mediocre, transversum, thoracæ parum latius. Proboscis porrecta acuta, capitis longitudine. Palpi breves, seta longitudinis proboscidis terminati, facies parum obliqua, epistomate barbato. Antennæ breves, graciles, articulo 3o duobus basalibus conjunctim fere duplo longiore, apice acuminato, arista brevi, setiformi, subbiarticulata. Thorax brevis, ovatus. Alæ subangustæ. Abdomen longum, gracile, clavatum, basi hirsutum. Pedes anteriores graciles. Femora postica clavata, valde hirsuta, tibiis posticis elongatis subrectis; tarsis omnibus raptoriis, 1o articulis subtus spinosis, ultimo majori subincurvo, unguibus valde elongatis et acutis.

Euscelidia, Westw. Trans. Ent. Soc. Lond. v. 232.

1. EUSCELIDIA RAPAX.

Nigra, thoracis latera cinerea; abdomen fulvo fasciatum, femora postica tibiacque fulva.

Euscelidia rapax, Westw. Trans. Ent. Soc. Lond. v. 232, pl. 23, f. 4.

Tropical Africa?

Genus 7. DOLICHODES.

Caput non depressum: antennæ arista brevi: abdomen longissimum, non petiolatum.

Dolichodes, *Macq. Dipt. Exot.* i. 2, 49.

General structure of the wing-veins like that of *Dasypogon*. Third externo-medial vein inclined towards the fourth, but at some distance from it on the border; subanal united to the anal on the border.

1. DOLICHODES FERRUGINEUS.

Mas. *Ferrugineus*; thorax fusco trivittatus; abdominis incisuræ pallidæ; alæ flavescentes.

Dolichodes ferruginea, *Macq. Dipt. Exot.* i. 2, 49, 1, pl. 4, f. 1.

Brazil.

Genus 8. DISCOCEPHALA.

Caput depressum; antennæ arista brevi; abdomen longitudine mediocri, non petiolatum.

Discocephala, *Macq. Dipt. Exot.* i. 2, 50.

Dasypogon, *Fabr.*; *Wied.*

Structure of the wing-veins like that of *Dasypogon*. Third externo-medial vein remote from the fourth on the border; subanal united to the anal.

North America.

1. DISCOCEPHALA RUFIVENTRIS.

Fusca, palpi et mystax fulvi; antennæ nigræ; abdomen et pedes fulva; alæ nigricantes.

Discocephala rufiventris, *Macq. Dipt. Exot.* i. 2, 50, 1, pl. 4, f. 2.

Dasypogon *Æta*, *Cat. of Diptera*, Pt. 2, 362.

Carolina.

2. DISCOCEPHALA AMASTRIS.

Dasygogon Amastris, *Cat. of Diptera*, Pt. 2, 362.

Fore fork of the cubital vein almost straight, slightly curved at its base; hind fork and first externo-medial vein straight; second externo-medial slightly curved; third inclined towards the fourth, but remote from it on the border; subanal joining the anal on the border.

Mexico.

3. DISCOCEPHALA NITIDUS.

Lutea, nigro vittata; abdomen utrinque albidum; alæ infumatae.

Dasygogon nitidus, *Wied. Auss. Zweifl.* ii. 613, 60.

South America.

- | | | | | | |
|---|---|---|---|---|--------------------------|
| A. Thorax dorso rufo. | - | - | - | - | rufithorax, <i>Wied.</i> |
| B. Thorax flavo quadrivittatus. | - | - | - | - | oculata, <i>Fabr.</i> |
| C. Thorax flavo bivittatus. | - | - | - | - | albo-atra, <i>Walk.</i> |
| D. Thorax totus ater. | | | | | |
| A. Alæ limpidæ, triente basilari nigra. | - | - | - | - | nigrita, <i>Fabr.</i> |
| B. Alæ nigro-fusca, triente apicali sublimpida. | | | | | apicalis, <i>Walk.</i> |

4. DISCOCEPHALA RUFITHORAX.

Niger; thoracis dorsum et femora anteriora rufa; alæ fusco-nigræ, dimidio apicali pallidiore.

Dasygogon rufithorax, *Wied. Auss. Zweifl.* i. 410, 72.

Brazil.

Var. β . *Femora anteriora nigra. Alæ dimidio apicali limpido.*

a. Parâ. From Mr. Bates' collection.

5. DISCOCEPHALA OCULATA.

Nigro-fusca ; *thorax vittis duabus margineque luteis* ; *alæ fuscae*.

Dioctria oculata, *Fabr. Syst. Antl.* 151, 12.

Dasyogon oculatus, *Wied. Dipt. Exot.* i. 230, 31 ; *Auss. Zweifl.* i. 412, 76.

Dasyogon Agalla, *Cat. of Diptera*, Pt. 2, 361.

Fore fork of the cubital vein almost straight, slightly curved at its base ; hind fork and the first and second externo-medial veins straight ; third remote from the fourth, which is very slightly undulating ; subanal united to the anal very near the border.

Brazil.

6. DISCOCEPHALA ALBO-ATRA.

Discocephala albo-atra, *Diptera Saundersiana*, Pt. 2, 100, pl. 3, f. 8.

a. Brazil. From Mr. Saunders' collection.

7. DISCOCEPHALA NIGRITA.

Atra ; *alæ limpidæ, triente basilari nigra*.

Dioctria nigrita, *Fabr. Syst. Antl.* 152, 13. *Wied. Dipt. Exot.* i. 180, 2 ; *Auss. Zweifl.* i. 366, 4.

South America.

8. DISCOCEPHALA APICALIS.

Atra ; *alæ nigro-fuscae, triente apicali sublimpida, apice fusca*.

Body, antennæ and legs black. Wings blackish brown ; apical third part nearly limpid, with the exception of the extreme tips, which are brown. Length of the body $2\frac{3}{4}$ lines ; of the wings 6 lines.

a. West Coast of America. Presented by Capt. Kellett and Lieut. Wood.

Africa.

A. Abdomen apice nigrum aut cinereum.

A. Tibiæ nigræ.	-	-	-	-	-	-	-	caffa, <i>Macq.</i>
B. Tibiæ testaceæ.	-	-	-	-	-	-	-	tibialis, <i>Macq.</i>
B. Abdomen apice fulvum.	-	-	-	-	-	-	-	analıs, <i>Macq.</i>
C. Abdomen rufum.	-	-	-	-	-	-	-	imbuta, <i>Walk.</i>

9. DISCOCEPHALA CAFFRA.

Nigra; *mystax albidus*; *thorax flavo hirtus*; *abdomen cinereum*; *alæ fuscæ*.

Discocephala caffa, *Macq. Dipt. Exot. Suppl.* 1, 70, 4.

Caffraria.

10. DISCOCEPHALA TIBIALIS.

Fœm. Nigra; *thorax cinereus*, *vittis nigris*; *tibiæ testaceæ*; *alæ fuscæ*.

Discocephala tibialis, *Macq. Dipt. Exot. Suppl.* 1, 69, 2.

Caffraria.

11. DISCOCEPHALA ANALIS.

Nigra; *mystax albidus*; *abdomen apice tibiæque fulva*; *alæ fuscæ*.

Discocephala analis, *Macq. Dipt. Exot. Suppl.* 1, 69, 3.

Port Natal.

12. DISCOCEPHALA IMBUTA.

Mas. Niger; *thorax vittis tribus cinereis*; *abdomen rufum*; *pedes robusti, nitidi, tibiis rufescentibus apice nigris*; *alæ nigro-fuscæ*.

Male. Black. Head with black hairs in front, with pale tawny hairs behind and beneath. Thorax with three slight gray

stripes and with tawny hairs; hinder part ferruginous. Abdomen red, thickly clothed with long and short red hairs; tip black. Legs stout, shining; femora slightly incrassated; tibiæ subclavate, reddish black towards the tips; metatarsi long, slightly dilated; ungues and onychia of moderate size; middle tibiæ with short stout spurs. Wings blackish brown, rather paler along the hind border. Halteres yellow. Length of the body 5 lines; of the wings 10 lines.

a. Port Natal. From Mr. Stevens' collection.

East Indies.

13. DISCOCEPHALA PRYTANIS.

Dasypogon Prytanis, *Cat. of Diptera*, Pt. 2, 363.

Forks of the cubital vein and the four externo-medial veins nearly straight; third externo-medial vein remote from the fourth. Subanal vein united to the anal very far from the border.

Genus 9. CABASA.

Antennarum articulus 2us 1o multo brevior; 3us linearis, subarcuatus, 1o et 2o conjunctim multo longior.

Cabasa, *Diptera Saundersiana*, Pt. 2, 100.

Forks of the cubital vein and the four externo-medial veins nearly straight; third externo-medial vein slightly inclined towards the fourth, but at some distance from it on the border; subanal nearly joining the anal on the border.

1. CABASA PULCHELLA.

Niger; *thorax ruber*; *abdomen maris violaceum*; *alæ fuscae*.

Dasypogon pulchellus, *Macq. Dipt. Exot. Suppl.* 1. 62, 37, pl. 7, f. 9.

Tasmania.

Var. *Cabasa rufithorax*, *Diptera Saundersiana*, Pt. 2, 100, pl. 3, f. 5.

a. New South Wales. From Mr. Saunders' collection.

2. CABASA VENNO.

Dasyogon Venno, *Cat. of Diptera*, Pl. 2, 359.

Genus 10. SENOBASIS.

Antennæ arista brevi. Oculi remoti. Abdomen petiolatum. Alæ areola mediastinali aperta.

Senobasis, *Macq. Dipt. Exot.* i. 2, 52, 9.

Third externo-medial vein united to the fourth, and subanal vein united to the anal, at some distance from the border.

1. SENOBASIS ANALIS.

Mas. *Nigra*; antennæ basi testaceæ; thoracis latera fulvo vittata; abdomen fulvum, apice nigrum; pedes fulvi; alæ flavidæ, apice fusæ.

Senobasis analis, *Macq. Dipt. Exot.* i. 2, 53, 1, pl. 5, f. 1.

Brazil.

2. SENOBASIS FENESTRATA.

Fæm. *Nigra*; thoracis latera, scutellum, abdomen basi, pedisque fulva; alæ fusæ.

Senobasis fenestrata, *Macq. Dipt. Exot.* i. 2, 53, 2.

Brazil.

Genus 11. PLESIOMMA.

Antennæ breves. Oculi fere contigui. Abdomen petiolatum. Alæ areola mediastinali aperta.

Plesiomma, *Macq. Dipt. Exot.* i. 2, 54, 10.

Third externo-medial vein much inclined to the fourth, and approaching near to it on the border; subanal united to the anal very near the border.

1. PLESIOMMA TESTACEA.

Mas. *Testacea* ; antennæ *fulvæ* ; thorax *nigro subvittatus* ; abdomen *fulrum, fusco fasciatum* ; pedes *fulvi, tibiis posticis femoribusque fuscis* ; tibiæ *basi flavæ* ; alæ *fuscantæ*.

Plesiomma testacea, Macq. *Dipt. Exot.* i. 2, 55, 1, pl. 5, f. 2.

2. PLESIOMMA NIGRA.

Mas et Fœm. *Nigra* ; abdomen *cyaneo-nigrum* ; pedes *obscure fusci* ; alæ *flavidæ, basi costaque fuscantibus*.

Plesiomma nigra, Macq. *Dipt. Exot.* i. 2, 55, 2.

Dasypogon fuliginosus? Wied.

Brazil.

A D D E N D A .

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DIOCTRIA OCHROCERA.

Subcinerea; mystax niger; antennarum articuli duo terminales ochraceo-lutei; thoracis dorsum subbilineatum; abdomen nigrum nitidum, segmentis 2—5 postice utrinque linea transversa alba; tibiæ apice tarsique pilis intermixtis rufis; alæ ad costam subfumosæ; halteres flavi.

Dioctria ochrocera, Duf. Ann. Soc. Ent. Fr. 2me Sér. x. 9, pl. 1, No. 1, f. 21—23.

Madrid.

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Genus PHELLUS.

Mystax densissime setosus. Proboscis brevis, recta, valida. Antennarum articulus 1us 2o duplo longior; 3us sublinearis; arista brevissima, 1o plus triplo longior. Abdomen basi longe pilosum. Pedes pilosi; tibiæ tarsique postica ciliata.

Phellus, *Diptera Saundersiana*, Pt. 2, 110.

Fore fork of the cubital vein slightly curved, emitting a long branch towards the base of the wing; hind fork very slightly undulating; first and second externo-medial veins very slightly curved; third forming a hardly acute angle with the præbrachial, joining the fourth at a long distance from the border; subanal joining the anal very far from the border.

This genus is very nearly allied to *Dasypogon*, and especially to the group *Microstylum*.

1. PHELLUS GLAUCUS.

Phellus glaucus, *Diptera Saundersiana*, Pt. 2, 110, pl. 4, f. 6.

a, b. Swan River. From Dr. Bacon's collection.

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DASYPOGON TRIFASCIATUS.

a. United States? From Mr. Saunders' collection.

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DASYPOGON ? CEPPHICUS.

Nigra ; facies argentea ; arista biarticulatæ.

Dasypogon cepphicus, *Say, Journ. Acad. Nat. Sci. Philad.* vi. 158.
Mexico.

DASYPOGON NITIDUS.

Luteus, nigro vittatus ; abdomen utrinque albidum ; pedes nigro-fusci, femoribus basi flavescens ; alæ infumatæ.

Dasypogon nitidus, *Wied. Auss. Zweifl.* ii. 643, 60.
Mexico.

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DASYPOGON RUFIVENTRIS.

Var.? *Nigra ; facies testacea ; abdomen rufum, basi maculisque dorsalibus nigricantibus, femora anteriora obscure rufa ; femora tibiaque postica rufa, apice nigra ; alæ cinereæ, venis nigris basi et apud costam fulvis.*

Body stout, thinly pubescent, nearly bare. Face slightly convex towards the epistoma. Mystax with a few hairs and bristles.

Proboscis stout, lanceolate. Third joint of the antennæ tapering from the base to the tip, which is very pointed and slender. Abdomen long-obconical. Legs stout. Forks of the cubital vein and first and second externo-medial veins nearly straight; third externo-medial inclined towards the fourth, but at some little distance from it on the border; subanal joining the anal on the border.

a. Parâ. From Mr. Bates' collection.

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DASYPOGON EXAMINANS.

a. Parâ. From Mr. Stevens' collection.

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DASYPOGON LEPTOGASTER.

Fuscus; abdomen pallidius, basi coarctatum; alæ ad marginem anticum late et sordide ferrugineæ, postice hyalinæ.

Laphria leptogaster, Perty, *Delect. Anim. Artic. Bras.* 130, pl. 36, f. 2.

Bahia.

DASYPOGON COARCTATUS.

Ferrugineus; thorax fuscus, lateribus scutelloque flavis stria media ferruginea; abdomen basi coarctatum, segmentorum 3o ad 7um marginibus posticis flavis; alæ subferrugineæ, obsolete fusco nubilæ.

Laphria coarctata, Perty, *Delect. Anim. Artic. Bras.* 131, pl. 36, f. 4.

Dasypogon castaneus? Macq.

Rio Negro.

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Group 4.

Corpus fere nudum. Facies plana. Mystax setis sex aut octo. Proboscis longiusecula, lanceolata. Antennarum articulus 3us sub-

clavatus, 1o et 2o conjunctim vix longior. Abdomen longi-lanceolatum. Pedes validi, setis paucis.

Forks of the cubital vein and the four externo-medial veins nearly straight; third externo-medial slightly inclined towards the fourth, but remote from it on the border.

DASYPOGON DISCOLOR.

Obscure fuscus; caput, thoracis vittæ duæ, pectus et venter albido tomentosa; antennæ et pedes nigra, hi testaceo varii; alæ subcinereæ.

Dark brown. Head, pectus, under side of the abdomen and coxæ with whitish tomentum. Proboscis and antennæ black. Thorax with two stripes of whitish tomentum. Legs black; tibiæ and under side of the femora testaceous; tips of the anterior tibiæ and apical half of the hind femora black. Wings slightly grayish; veins black. Halteres testaceous. Length of the body $3\frac{1}{2}$ lines; of the wings 6 lines.

a. ———?

Page 473.

Group Microstylum, Macq.

See page 451.

DASYPOGON SORDIDUS.

Nigro-fuscus; antennæ nigrae; pectus canum; abdomen fulvo-fuscum; alæ cinereo-fusca.

Blackish brown. Head with black hairs behind, with white hairs beneath. Mystax with a few white bristles. Antennæ black. Pectus hoary. Abdomen tawny brown, pubescent, and with whitish hairs, which are most prevalent towards the base. Sexualia piceous. Legs with whitish hairs and with black bristles; onychia tawny. Wings grayish brown; veins black. Length of the body 11 lines; of the wings 16 lines.

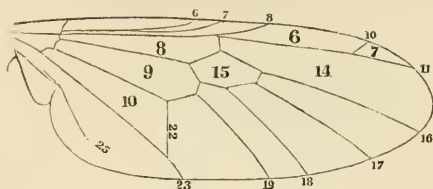
a. China. From Mr. Stevens' collection.

Page 486.

DASYPOGON PHALNA.

a. Santarem. From Mr. Bates' collection.

Fig. A.—SARGUS.



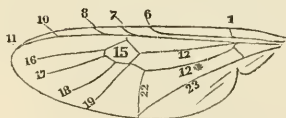
AREOLETS.

- | | |
|------------------|----------------|
| 6. Cubital, 1st. | 10. Anal. |
| 7. Cubital, 2nd. | 14. Subapical. |
| 8. Præbrachial. | 15. Discal. |
| 9. Pobrachial. | |

VEINS.

- | | |
|---|--|
| 6. Mediastinal vein. | 11. Second branch vein, or 2nd cubital vein. |
| 7. Subcostal vein. | 16—19. Externo-medial veins. |
| 8. Radial vein. | 22. Subanal vein. |
| 10. First branch vein, or 1st cubital vein. | 23. Anal vein. |
| | 25. Subaxillary vein. |

Fig. B.—SARGUS CUPRARIUS.



AREOLET.

15. Discal.

VEINS.

- | | |
|-------------------------|------------------------------|
| 1. Humeral veinlet. | 12. Præbrachial vein. |
| 6. Mediastinal vein. | 12*. Pobrachial vein. |
| 7. Subcostal vein. | 16—19. Externo-medial veins. |
| 8. Radial vein. | 22. Subanal vein. |
| 10. First branch vein. | 23. Anal vein. |
| 11. Second branch vein. | |

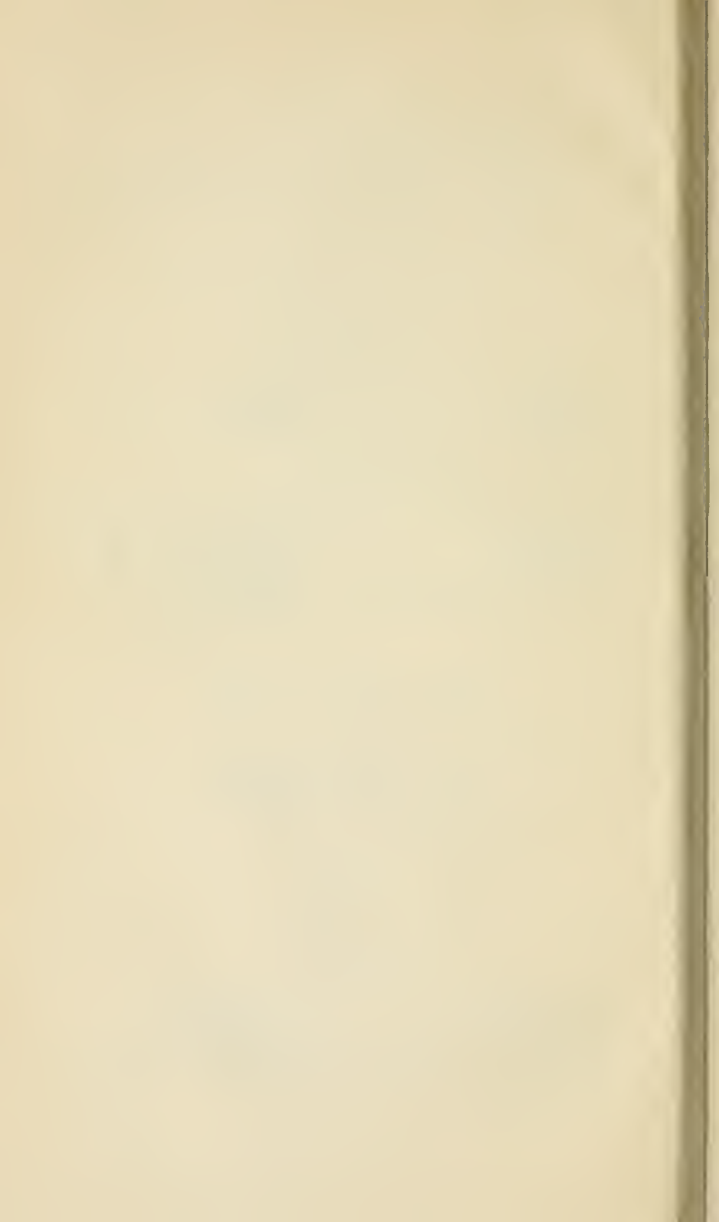


Fig. C.—NEMOTELUS PANTHERINUS.



AREOLETS.

14. Subapical.

15. Discal.

VEINS.

6. Mediastinal vein.

12*. Pobrachial vein.

7. Subcostal vein.

16—19. Externo-medial veins.

8. Radial vein.

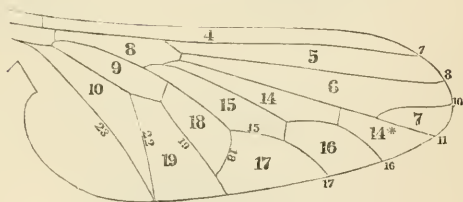
22. Subanal vein.

9. Cubital vein.

23. Anal vein.

12. Præbrachial vein.

Fig. D.—CYRTUS.



AREOLETS.

4. Mediastinal.

10. Anal.

5. Radial.

14. Subapical.

6. Cubital, 1st.

14*. Second Subapical.

7. Cubital, 2nd.

15. Discal.

8. Præbrachial.

16—19. Externo-medial.

9. Pobrachial.

VEINS.

7. Subcostal vein.

15. Discal veinlet.

8. Radial vein.

16—19. Externo-medial veins.

10. First branch vein.

22. Subanal vein.

11. Second branch vein.

23. Anal vein.

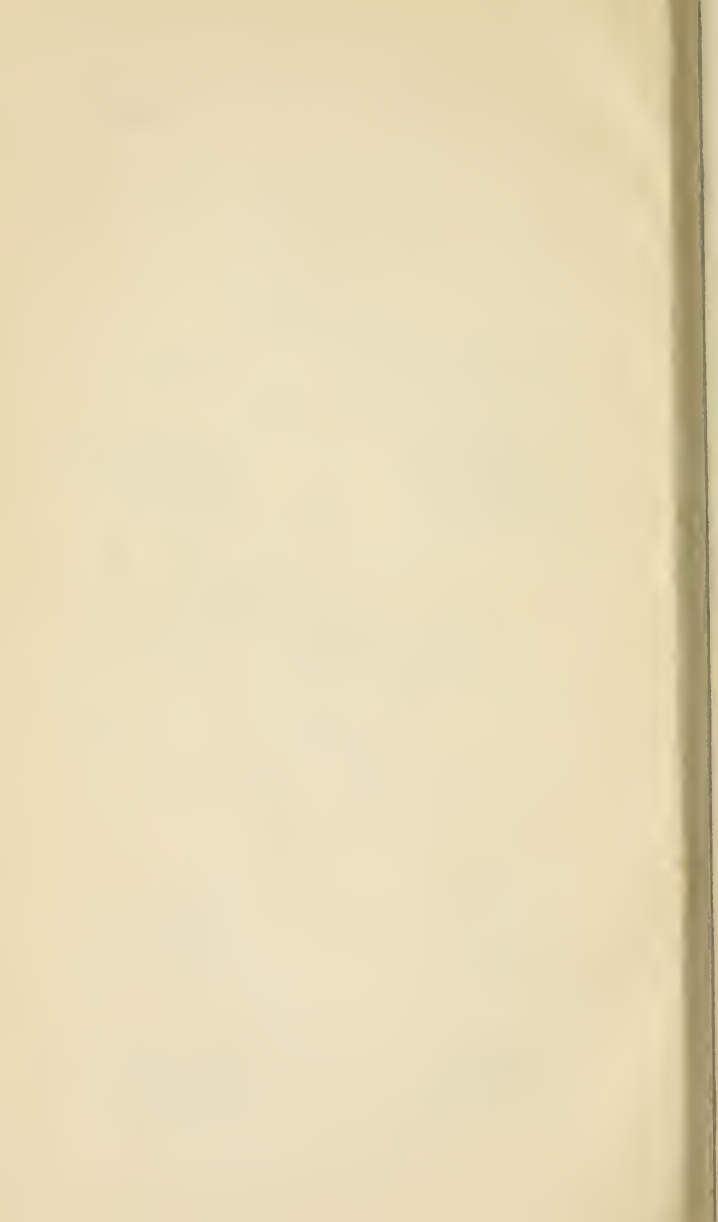
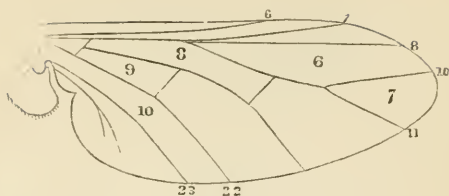


Fig. E.—ACROCERA.



AREOLETS.

- | | |
|------------------|----------------|
| 6. Cubital, 1st. | 9. Pobrachial. |
| 7. Cubital, 2nd. | 10. Anal. |
| 8. Præbrachial. | |

VEINS.

- | | |
|------------------------|-------------------------|
| 6. Mediastinal. | 11. Second branch vein. |
| 7. Subcostal vein. | 22. Subanal vein. |
| 8. Radial vein. | 23. Anal vein. |
| 10. First branch vein. | |

Fig. F.—HENOPS.



AREOLETS.

- | | |
|------------------|----------------|
| 6. Cubital, 1st. | 9. Pobrachial. |
| 8. Præbrachial. | 10. Anal. |

VEINS.

- | | |
|--------------------|-------------------|
| 7. Subcostal vein. | 22. Subanal vein. |
| 8. Radial vein. | 23. Anal vein. |
| 9. Cubital vein. | |

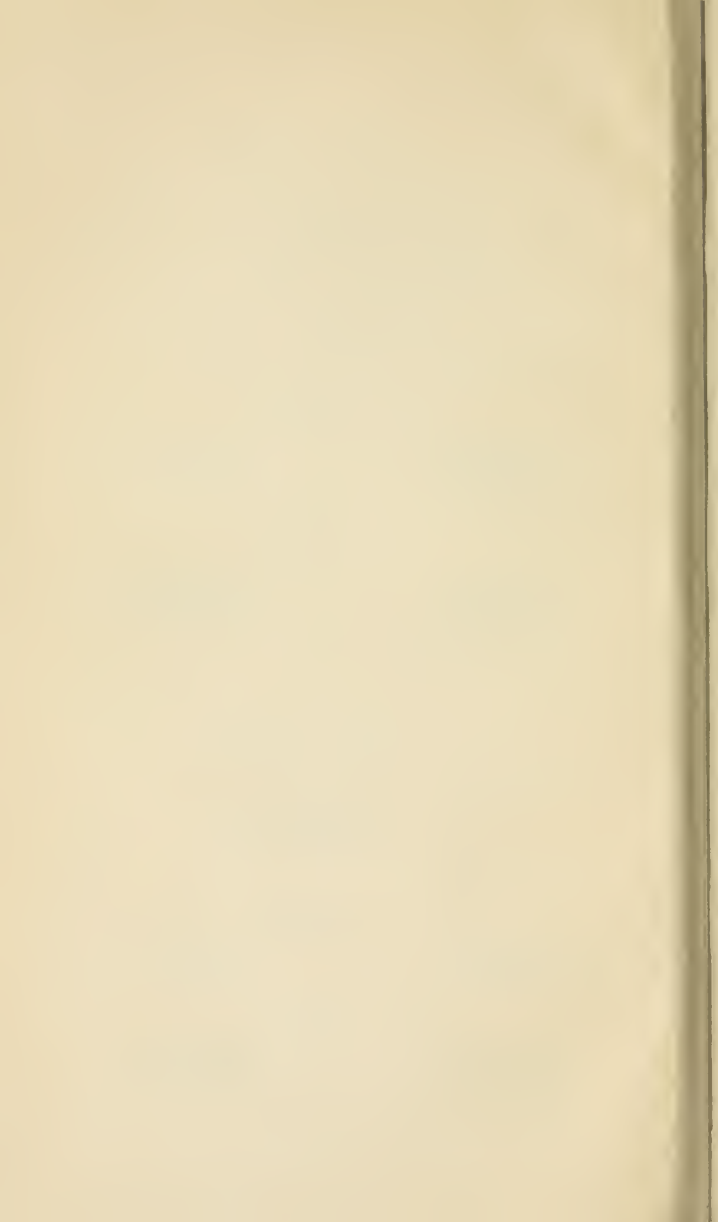
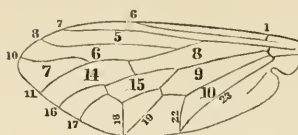


Fig. G.—DASYPOGON PUNCTATUS.



AREOLETS.

- | | |
|------------------|----------------|
| 5. Radial. | 9. Pobrachial. |
| 6. Cubital, 1st. | 10. Anal. |
| 7. Cubital, 2nd. | 14. Subapical. |
| 8. Præbrachial. | 15. Discal. |

VEINS.

- | | |
|------------------------|------------------------------|
| 1. Humeral veinlet. | 11. Second branch vein. |
| 6. Mediastinal vein. | 16—19. Externo-medial veins. |
| 7. Subcostal vein. | 22. Subanal vein. |
| 8. Radial vein. | 23. Anal vein. |
| 10. First branch vein. | |

Fig. H.—LAPHRIA GILVA.

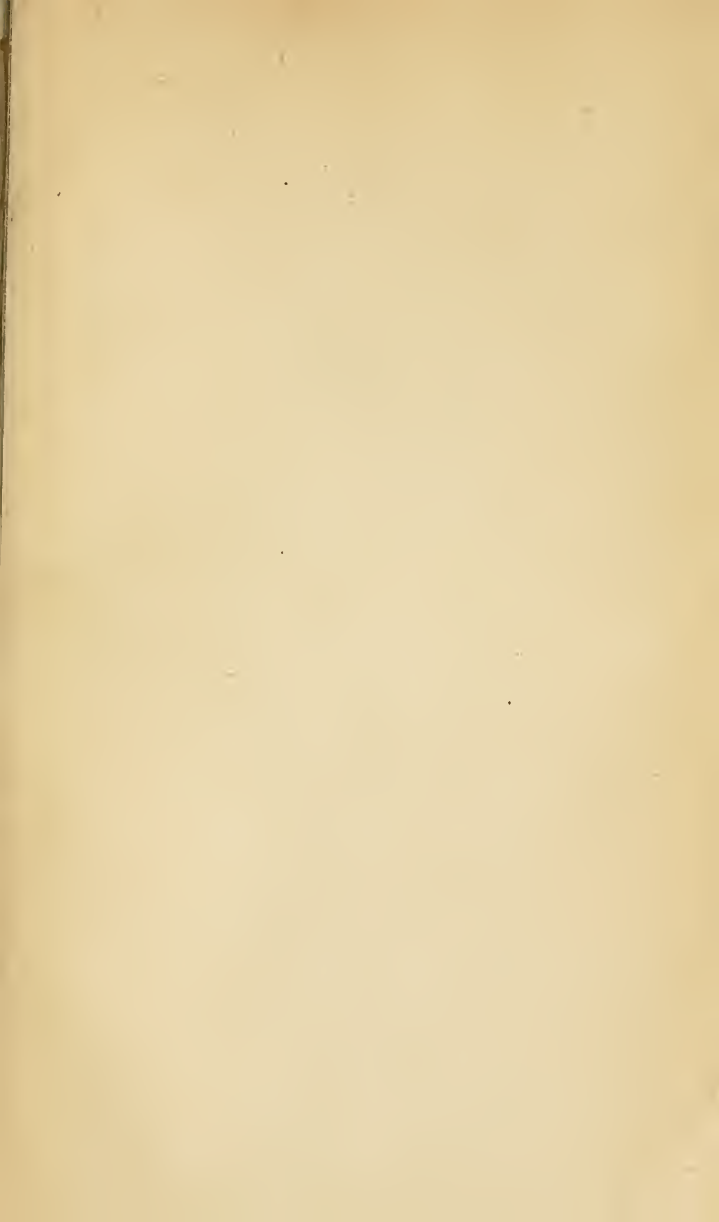


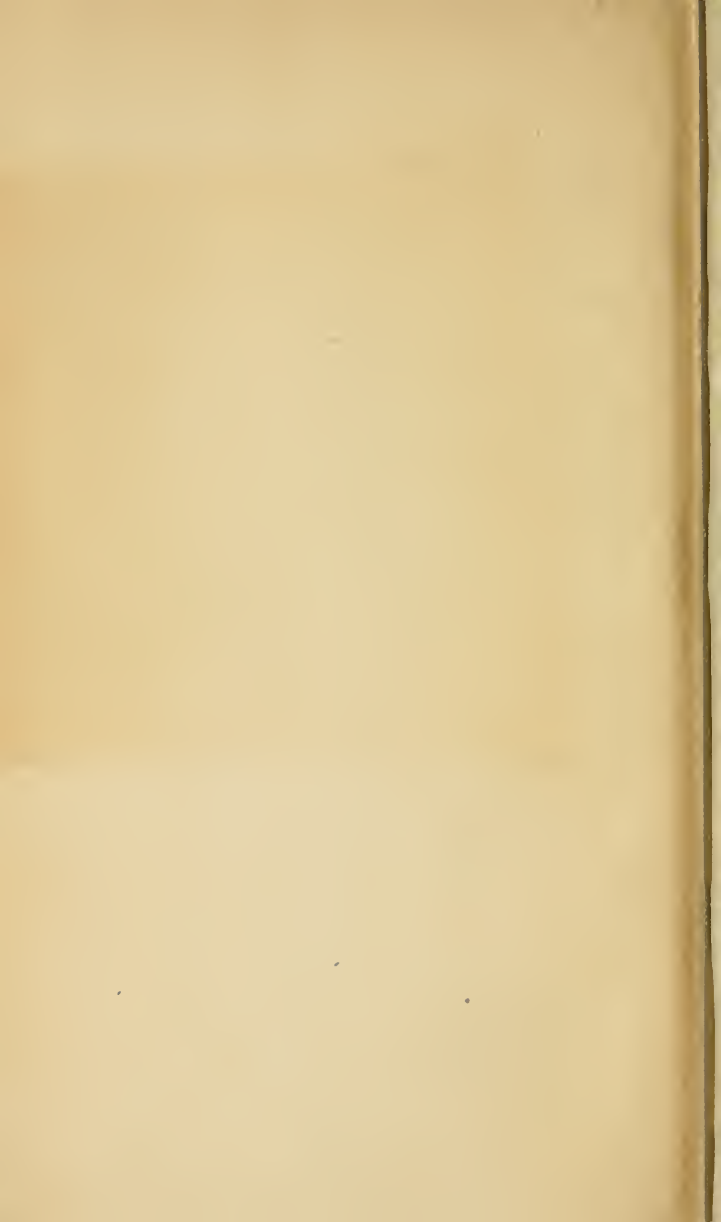
AREOLETS.

- | | |
|----------------|-------------|
| 5. Radial. | 15. Discal. |
| 14. Subapical. | |

VEINS.

- | | |
|------------------------|------------------------------|
| 1. Humeral veinlet. | 11. Second branch vein. |
| 6. Mediastinal vein. | 16—19. Externo-medial veins. |
| 7. Subcostal vein. | 22. Subanal vein. |
| 8. Radial vein. | 23. Anal vein. |
| 10. First branch vein. | |





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